

# GENERIC OBD2 CODES

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# POXXXX



Code	Definition
P0000	No fault
P0001	Fuel volume regulator control -circuit open
P0002	Fuel volume regulator control -circuit range/performance
P0003	Fuel volume regulator control -circuit low
P0004	Fuel volume regulator control -circuit high
P0005	Fuel shut -off valve -circuit open
P0006	Fuel shut -off valve -circuit low
P0007	Fuel shut -off valve -circuit high
P0008	Engine position system, bank 1-engine performance
P0009	Engine position system, bank 2 -engine performance
P000A	A Camshaft Position Slow Response
P000B	B Camshaft Position Slow Response
P000C	A Camshaft Position Slow Response
P000D	B Camshaft Position Slow Response
P000E	Fuel Volume Regulator Control Exceeded Learning Limit
P000F	Fuel System Over Pressure Relief Valve Activated
P0010	Camshaft position (CMP) actuator, intake/left/front, bank 1 circuit malfunction
P0011	Camshaft position (CMP), intake/left/front, bank 1 timing over advanced/system performance
P0012	Camshaft position (CMP), intake/left/front, bank 1 timing over -retarded
P0013	Camshaft position (CMP) actuator, exhaust/right/rear, bank 1 -circuit malfunction
P0014	Camshaft position (CMP) actuator, exhaust/right/rear, bank 1 -timing over -advanced/system performance
P0015	Camshaft position (CMP) actuator, exhaust/right/rear, bank 1 -timing over -retarded
P0016	Crankshaft position/camshaft position, bank 1 sensor A - correlation

P0017	Crankshaft position/camshaft position, bank 1 sensor B - correlation
P0018	Crankshaft position/camshaft position, bank 2 sensor A - correlation
P0019	Crankshaft position/camshaft position, bank 2 sensor B - correlation
P001A	A Camshaft Profile Control Circuit/Open
P001B	A Camshaft Profile Control Circuit Low
P001C	A Camshaft Profile Control Circuit High
P001D	A Camshaft Profile Control Circuit/Open
P001E	A Camshaft Profile Control Circuit Low
P001F	A Camshaft Profile Control Circuit High
P0020	Camshaft position (CMP) ·actuator, intake/left/front, bank 2 -circuit malfunction
P0021	Camshaft position (CMP); intake/left/front, bank 2 timing over -advanced/system performance
P0022	Camshaft position (CMP), intake/left/front, bank 2. timing over -retarded
P0023	Camshaft position (CMP) actuator, exhaust/right/rear, bank 2 -circuit malfunction
P0024	Camshaft position (CMP), exhaust/right/rear, bank 2 -timing over -advanced/system performance
P0025	Camshaft position (CMP), exhaust/right/rear, bank 2 -timing over -retarded
P0026	Intake valve control solenoid circuit, bank 1 range/performance
P0027	Exhaust valve control solenoid circuit, bank 1 range/performance
P0028	Intake valve control solenoid circuit, bank 2 range/performance
P0029	Exhaust valve control solenoid circuit, bank 2 range/performance

P002A	B Camshaft Profile Control Circuit/Open
P002B	B Camshaft Profile Control Circuit Low
P002C	B Camshaft Profile Control Circuit High
P002D	B Camshaft Profile Control Circuit/Open
P002E	B Camshaft Profile Control Circuit Low
P002F	B Camshaft Profile Control Circuit High
P0030	Heated oxygen sensor (HO2S) 1, bank 1, heater control - circuit malfunction
P0031	Heated oxygen sensor (HO2S) 1, bank 1, heater control - circuit low
P0032	Heated oxygen sensor (HO2S) 1, bank 1, heater control - circuit high
P0033	Turbocharger (TC) wastegate regulating valve -circuit malfunction
P0034	Turbocharger (TC) wastegate regulating valve -circuit low
P0035	Turbocharger (TC) wastegate regulating valve -circuit high
P0036	Heated oxygen sensor (HO2S) 2, bank 1, heater control - circuit malfunction
P0037	Heated oxygen sensor (HO2S) 2, bank 1, heater control - circuit low
P0038	Heated oxygen sensor (HO2S) 2, bank 1, heater control - circuit high
P0039	Turbo/super charger bypass valve, control circuit range/performance
P003A	Turbocharger/Supercharger Boost Control "A" Position Exceeded Learning Limit
P003B	Turbocharger/Supercharger Boost Control "B" Position Exceeded Learning Limit
P003C	A Camshaft Profile Control Performance/Stuck Off
P003D	A Camshaft Profile Control Stuck On
P003E	A Camshaft Profile Control Performance/Stuck Off
P003F	A Camshaft Profile Control Stuck On

P0040	Oxygen sensor signals swapped, bank 1 sensor 1/bank 2 sensor 1
P0041	Oxygen sensor signals swapped, bank 1 sensor 2/bank 2 sensor 2
P0042	Heated oxygen sensor (HO2S) 3, bank 1, heater control - circuit malfunction
P0043	Heated oxygen sensor (HO2S) 3, bank 1, heater control circuit low
P0044	Heated oxygen sensor (HO2S) 3, bank 1, heater control - circuit high
P0045	Turbo/super charger boost control solenoid -circuit open
P0046	Turbo/super charger boost control solenoid circuit range/performance
P0047	Turbo/super charger boost control solenoid -circuit low
P0048	Turbo/super charger boost control solenoid -circuit high
P0049	Turbo/super charger turbine -over -speed
P004A	Turbocharger/Supercharger Boost Control "B" Circuit/Open
P004B	Turbocharger/Supercharger Boost Control "B" Circuit Range/Performance
P004C	Turbocharger/Supercharger Boost Control "B" Circuit Low
P004D	Turbocharger/Supercharger Boost Control "B" Circuit High
P004E	Turbocharger/Supercharger Boost Control "A" Circuit Intermittent/Erratic
P004F	Turbocharger/Supercharger Boost Control "B" Circuit Intermittent/Erratic
P0050	Heated oxygen sensor (HO2S) 1, bank 2, heater control circuit malfunction
P0051	Heated oxygen sensor (HO2S) 1, bank 2, heater control - circuit low
P0052	Heated oxygen sensor (HO2S) 1, bank 2, heater control - circuit high

P0053	Heated oxygen sensor (HO2S), bank 1, sensor 1 -heater resistance
P0054	Heated oxygen sensor (HO2S), bank 1, sensor 2 -heater resistance
P0055	Heated oxygen sensor (HO2S), bank 1, sensor 3 -heater resistance
P0056	Heated oxygen sensor (HO2S) 2, bank 2, heater control - circuit malfunction
P0057	Heated oxygen sensor (HO2S) 2, bank 2, heater control heater circuit low
P0058	Heated oxygen sensor (HO2S) 2, bank 2, heater control circuit high
P0059	Heated oxygen sensor (HO2S), bank 2, sensor 1 -heater resistance
P005A	B Camshaft Profile Control Performance/Stuck Off
P005B	B Camshaft Profile Control Stuck On
P005C	B Camshaft Profile Control Performance/Stuck Off
P005D	B Camshaft Profile Control Stuck On
P005E	Turbocharger/Supercharger Boost Control "B" Supply Voltage Circuit Low
P005F	Turbocharger/Supercharger Boost Control "B" Supply Voltage Circuit High
P0060	Heated oxygen sensor (HO2S), bank 2, sensor 2 -heater resistance
P0061	Heated oxygen sensor (HO2S), bank 2, sensor 3 -heater resistance
P0062	Heated oxygen sensor (HO2S) 3, bank 2, heater control circuit malfunction
P0063	Heated oxygen sensor (HO2S) 3, bank 2, heater control circuit low
P0064	Heated oxygen sensor (HO2S) 3, bank 2, heater control circuit high

P0065	Air assisted injector -range/performance problem
P0066	Air assisted injector -circuit malfunction/circuit low
P0067	Air assisted injector -circuit high
P0068	Manifold absolute pressure (MAP) sensor/mass air flow (MAF) sensor/throttle position correlation
P0069	Manifold absolute pressure (MAP) sensor/barometric pressure (BARO) sensor correlation
P006A	MAP - Mass or Volume Air Flow Correlation
P006B	MAP - Exhaust Pressure Correlation
P006C	MAP - Turbocharger/Supercharger Inlet Pressure Correlation
P006D	Barometric Pressure - Turbocharger/Supercharger Inlet Pressure Correlation
P006E	Turbocharger/Supercharger Boost Control "A" Supply Voltage Circuit Low
P006F	Turbocharger/Supercharger Boost Control "A" Supply Voltage Circuit High
P0070	Outside air temperature sensor -circuit malfunction
P0071	Outside air temperature sensor -range/performance problem
P0072	Outside air temperature sensor -low input
P0073	Outside air temperature sensor -high input
P0074	Outside air temperature sensor -circuit intermittent
P0075	Intake valve control solenoid, bank 1 -circuit malfunction
P0076	Intake valve control solenoid, bank 1 -circuit low
P0077	Intake valve control solenoid, bank 1 -circuit high
P0078	Exhaust valve control solenoid, bank 1 -circuit malfunction
P0079	Exhaust valve control solenoid, bank 1 -circuit low
P007A	Charge Air Cooler Temperature Sensor Circuit

P007B	Charge Air Cooler Temperature Sensor Circuit Range/Performance
P007C	Charge Air Cooler Temperature Sensor Circuit Low
P007D	Charge Air Cooler Temperature Sensor Circuit High
P007E	Charge Air Cooler Temperature Sensor Circuit Intermittent/Erratic
P007F	Charge Air Cooler Temperature Sensor Bank1/Bank2 Correlation
P0080	Exhaust valve control solenoid, bank 1 -circuit high
P0081	Intake valve control solenoid, bank 2 -circuit malfunction
P0082	Intake valve control solenoid, bank 2 -circuit low
P0083	Intake valve control solenoid, bank 2 -circuit high
P0084	Exhaust valve control solenoid, bank 2 -circuit malfunction
P0085	Exhaust valve control solenoid, bank 2 -circuit low
P0086	Exhaust valve control solenoid, bank 2 -circuit high
P0087	Fuel rail/system pressure too low
P0088	Fuel rail/system pressure too high
P0089	Fuel pressure regulator -performance problem
P008A	Low Pressure Fuel System Pressure - Too Low
P008B	Low Pressure Fuel System Pressure - Too High
P008C	Fuel Cooler Pump Control Circuit/Open
P008D	Fuel Cooler Pump Control Circuit Low
P008E	Fuel Cooler Pump Control Circuit High
P008F	Engine Coolant Temperature/Fuel Temperature Correlation
P0090	Fuel metering solenoid -open circuit
P0091	Fuel metering solenoid - -short to earth
P0092	Fuel metering solenoid -short to positive
P0093	Fuel system leak -large leak detected
P0094	Fuel system leak -small leak detected
P0095	Intake air temperature (IAT) sensor 2 -circuit malfunction

P0096	Intake air temperature (IAT) sensor 2 -circuit range/performance
P0097	Intake air temperature (IAT) sensor 2 -circuit low input
P0098	Intake air temperature (IAT) sensor 2 -circuit high input
P0099	Intake air temperature (IAT) sensor 2 -circuit intermittent/erratic
P009A	Intake Air Temperature/Ambient Air Temperature Correlation
P009B	Fuel Pressure Relief Control Circuit/Open
P009C	Fuel Pressure Relief Control Circuit Low
P009D	Fuel Pressure Relief Control Circuit High
P009E	Fuel Pressure Relief Control Performance/Stuck Off
P009F	Fuel Pressure Relief Control Stuck On
P00A0	Charge Air Cooler Temperature Sensor Circuit
P00A1	Charge Air Cooler Temperature Sensor Circuit Range/Performance
P00A2	Charge Air Cooler Temperature Sensor Circuit Low
P00A3	Charge Air Cooler Temperature Sensor Circuit High
P00A4	Charge Air Cooler Temperature Sensor Circuit Intermittent/Erratic
P00A5	Intake Air Temperature Sensor 2 Circuit
P00A6	Intake Air Temperature Sensor 2 Circuit Range/Performance
P00A7	Intake Air Temperature Sensor 2 Circuit Low
P00A8	Intake Air Temperature Sensor 2 Circuit High
P00A9	Intake Air Temperature Sensor 2 Circuit Intermittent/Erratic
P00AA	Intake Air Temperature Sensor 1 Circuit
P00AB	Intake Air Temperature Sensor 1 Circuit Range/Performance
P00AC	Intake Air Temperature Sensor 1 Circuit Low
P00AD	Intake Air Temperature Sensor 1 Circuit High

P00AE	Intake Air Temperature Sensor 1 Circuit Intermittent
P00AF	Turbocharger/Supercharger Boost Control "A" Module Performance
P00BO	Turbocharger/Supercharger Boost Control "B" Module Performance
P00B1	Radiator Coolant Temperature Sensor Circuit
P00B2	Radiator Coolant Temperature Sensor Circuit Range/Performance
P00B3	Radiator Coolant Temperature Sensor Circuit Low
P00B4	Radiator Coolant Temperature Sensor Circuit High
P00B5	Radiator Coolant Temperature Sensor Circuit Intermittent/Erratic
P00B6	Radiator Coolant Temperature/Engine Coolant Temperature Correlation
P00B7	Engine Coolant Flow Low/Performance
P00B8	MAP - Mass or Volume Air Flow Correlation
P00B9	Low Pressure Fuel System Pressure - Too Low
P00BA	Low Fuel Pressure - Forced Limited Power
P00BB	Fuel Injector Insufficient Flow - Forced Limited Power
P00BC	Mass or Volume Air Flow "A" Circuit Range/Performance - Air Flow Too Low
P00BD	Mass or Volume Air Flow "A" Circuit Range/Performance - Air Flow Too High
P00BE	Mass or Volume Air Flow "B" Circuit Range/Performance - Air Flow Too Low
P00BF	Mass or Volume Air Flow "B" Circuit Range/Performance - Air Flow Too High
P00CO – P00FF	ISO/SAE Reserved
P00C6	Fuel Rail Pressure Low During Cranking
P00FF	Fuel / Air auxillary system

Code	Definition
P0100	Mass or Volume Air Flow "A" Circuit
P0101	Mass or Volume Air Flow "A" Circuit Range/Performance
P0102	Mass or Volume Air Flow "A" Circuit Low
P0103	Mass or Volume Air Flow "A" Circuit High
P0104	Mass or Volume Air Flow "A" Circuit Intermittent
P0105	Manifold Absolute Pressure/Barometric Pressure Circuit
P0106	Manifold Absolute Pressure/Barometric Pressure Circuit
P0107	Manifold Absolute Pressure/Barometric Pressure Circuit Low
P0108	Manifold Absolute Pressure/Barometric Pressure Circuit High
P0109	Manifold Absolute Pressure/Barometric Pressure Circuit Intermittent
P010A	Mass or Volume Air Flow "B" Circuit
P010B	Mass or Volume Air Flow "B" Circuit Range/Performance
P010C	Mass or Volume Air Flow "B" Circuit Low
P010D	Mass or Volume Air Flow "B" Circuit High
P010E	Mass or Volume Air Flow "B" Circuit Intermittent/Erratic
P010F	Mass or Volume Air Flow Sensor A/B Correlation
P0110	Intake Air Temperature Sensor 1 Circuit
P0111	Intake Air Temperature Sensor 1 Circuit Range/Performance
P0112	Intake Air Temperature Sensor 1 Circuit Low
P0113	Intake Air Temperature Sensor 1 Circuit High
P0114	Intake Air Temperature Sensor 1 Circuit Intermittent
P0115	Engine Coolant Temperature Sensor 1 Circuit
P0116	Engine Coolant Temperature Sensor 1 Circuit Range/Performance

P0117	Engine Coolant Temperature Sensor 1 Circuit Low
P0118	Engine Coolant Temperature Sensor 1 Circuit High
P0119	Engine Coolant Temperature Sensor 1 Circuit Intermittent
P011A	Engine Coolant Temperature Sensor 1/2 Correlation
P011B	Engine Coolant Temperature/Intake Air Temperature Correlation
P011C	Charge Air Temperature/Intake Air Temperature Correlation
P011D	Charge Air Temperature/Intake Air Temperature Correlation
P0120	Throttle/Pedal Position Sensor/Switch "A" Circuit
P0121	Throttle/Pedal Position Sensor/Switch "A" Circuit
P0122	Throttle/Pedal Position Sensor/Switch "A" Circuit Low
P0123	Throttle/Pedal Position Sensor/Switch "A" Circuit High
P0124	Throttle/Pedal Position Sensor/Switch "A" Circuit Intermittent
P0125	Insufficient Coolant Temperature for Closed Loop Fuel Control
P0126	Insufficient Coolant Temperature for Stable Operation
P0127	Intake Air Temperature Too High
P0128	Coolant Thermostat (Coolant Temperature Below Thermostat)
P0129	Barometric Pressure Too Low
P012A	Turbocharger/Supercharger Inlet Pressure Sensor Circuit
P012B	Turbocharger/Supercharger Inlet Pressure Sensor Circuit
P012C	Turbocharger/Supercharger Inlet Pressure Sensor Circuit Low
P012D	Turbocharger/Supercharger Inlet Pressure Sensor Circuit High

P012E	Turbocharger/Supercharger Inlet Pressure Sensor Circuit
P0130	O2 Sensor Circuit
P0131	O2 Sensor Circuit Low Voltage
P0132	O2 Sensor Circuit High Voltage
P0133	O2 Sensor Circuit Slow Response
P0134	O2 Sensor Circuit no Activity Detected
P0135	O2 Sensor Heater Circuit
P0136	O2 Sensor Circuit
P0137	O2 Sensor Circuit Low Voltage
P0138	O2 Sensor Circuit High Voltage
P0139	O2 Sensor Circuit Slow Response
P013A	O2 Sensor Slow Response - Rich to Lean
P013B	O2 Sensor Slow Response - Lean to Rich
P013C	O2 Sensor Slow Response - Rich to Lean
P013D	O2 Sensor Slow Response - Lean to Rich
P013E	O2 Sensor Delayed Response - Rich to Lean
P013F	O2 Sensor Delayed Response - Lean to Rich
P0140	O2 Sensor Circuit no Activity Detected
P0141	O2 Sensor Heater Circuit
P0142	O2 Sensor Circuit
P0143	O2 Sensor Circuit Low Voltage
P0144	O2 Sensor Circuit High Voltage
P0145	O2 Sensor Circuit Slow Response
P0146	O2 Sensor Circuit no Activity Detected
P0147	O2 Sensor Heater Circuit
P0148	Fuel Delivery Error
P0149	Fuel Timing Error
P014A	O2 Sensor Delayed Response - Rich to Lean

P014B	O2 Sensor Delayed Response - Lean to Rich
P014C	O2 Sensor Slow Response - Rich to Lean
P014D	O2 Sensor Slow Response - Lean to Rich
P014E	O2 Sensor Slow Response - Rich to Lean
P014F	O2 Sensor Slow Response - Lean to Rich
P0150	O2 Sensor Circuit
P0151	O2 Sensor Circuit Low Voltage
P0152	O2 Sensor Circuit High Voltage
P0153	O2 Sensor Circuit Slow Response
P0154	O2 Sensor Circuit no Activity Detected
P0155	O2 Sensor Heater Circuit
P0156	O2 Sensor Circuit
P0157	O2 Sensor Circuit Low Voltage
P0158	O2 Sensor Circuit High Voltage
P0159	O2 Sensor Circuit Slow Response
P015A	O2 Sensor Delayed Response - Rich to Lean
P015B	O2 Sensor Delayed Response - Lean to Rich
P015C	O2 Sensor Delayed Response - Rich to Lean
P015D	O2 Sensor Delayed Response - Lean to Rich
P0160	O2 Sensor Circuit no Activity Detected
P0161	O2 Sensor Heater Circuit
P0162	O2 Sensor Circuit
P0163	O2 Sensor Circuit Low Voltage
P0164	O2 Sensor Circuit High Voltage
P0165	O2 Sensor Circuit Slow Response
P0166	O2 Sensor Circuit no Activity Detected
P0167	O2 Sensor Heater Circuit
P0168	Fuel Temperature Too High

P0169	Incorrect Fuel Composition
P0170	Fuel Trim
P0171	System Too Lean
P0172	System Too Rich
P0173	Fuel Trim
P0174	System Too Lean
P0175	System Too Rich
P0176	Fuel Composition Sensor Circuit
P0177	Fuel Composition Sensor Circuit Range/Performance
P0178	Fuel Composition Sensor Circuit Low
P0179	Fuel Composition Sensor Circuit High
P0180	Fuel Temperature Sensor "A" Circuit
P0181	Fuel Temperature Sensor "A" Circuit Range/Performance
P0182	Fuel Temperature Sensor "A" Circuit Low
P0183	Fuel Temperature Sensor "A" Circuit High
P0184	Fuel Temperature Sensor "A" Circuit Intermittent
P0185	Fuel Temperature Sensor "B" Circuit
P0186	Fuel Temperature Sensor "B" Circuit Range/Performance
P0187	Fuel Temperature Sensor "B" Circuit Low
P0188	Fuel Temperature Sensor "B" Circuit High
P0189	Fuel Temperature Sensor "B" Circuit Intermittent
P018A	Fuel Pressure Sensor "B" Circuit
P018B	Fuel Pressure Sensor "B" Circuit Range/Performance
P018C	Fuel Pressure Sensor "B" Circuit Low
P018D	Fuel Pressure Sensor "B" Circuit High
P018E	Fuel Pressure Sensor "B" Circuit Intermittent/Erratic
P018F	Fuel System Over Pressure Relief Valve Frequent Activation

P0190	Fuel Rail Pressure Sensor "A" Circuit
P0191	Fuel Rail Pressure Sensor "A" Circuit Range/Performance
P0192	Fuel Rail Pressure Sensor "A" Circuit Low
P0193	Fuel Rail Pressure Sensor "A" Circuit High
P0194	Fuel Rail Pressure Sensor "A" Circuit Intermittent/Erratic
P0195	Engine Oil Temperature Sensor Circuit
P0196	Engine Oil Temperature Sensor Range/Performance
P0197	Engine Oil Temperature Sensor Circuit Low
P0198	Engine Oil Temperature Sensor Circuit High
P0199	Engine Oil Temperature Sensor Circuit Intermittent/Erratic

Code	Definition
P0200	Injector Circuit/Open
P0201	Injector Circuit/Open - Cylinder 1
P0202	Injector Circuit/Open - Cylinder 2
P0203	Injector Circuit/Open - Cylinder 3
P0204	Injector Circuit/Open - Cylinder 4
P0205	Injector Circuit/Open - Cylinder 5
P0206	Injector Circuit/Open - Cylinder 6
P0207	Injector Circuit/Open - Cylinder 7
P0208	Injector Circuit/Open - Cylinder 8
P0209	Injector Circuit/Open - Cylinder 9
P020A	Cylinder 1 Injection Timing
P020B	Cylinder 2 Injection Timing
P020C	Cylinder 3 Injection Timing
P020D	Cylinder 4 Injection Timing
P020E	Cylinder 5 Injection Timing
P020F	Cylinder 6 Injection Timing
P0210	Injector Circuit/Open - Cylinder 10
P0211	Injector Circuit/Open - Cylinder 11
P0212	Injector Circuit/Open - Cylinder 12
P0213	Cold Start Injector 1
P0214	Cold Start Injector 2

P0215	Engine Shutoff Solenoid
P0216	Injector/Injection Timing Control Circuit
P0217	Engine Coolant Over Temperature Condition
P0218	Transmission Fluid Over Temperature Condition
P0219	Engine Overspeed Condition
P021A	Cylinder 7 Injection Timing
P021B	Cylinder 8 Injection Timing
P021C	Cylinder 9 Injection Timing
P021D	Cylinder 10 Injection Timing
P021E	Cylinder 11 Injection Timing
P021F	Cylinder 12 Injection Timing
P0220	Throttle/Pedal Position Sensor/Switch "B" Circuit
P0221	Throttle/Pedal Position Sensor/Switch "B" Circuit
P0222	Throttle/Pedal Position Sensor/Switch "B" Circuit Low
P0223	Throttle/Pedal Position Sensor/Switch "B" Circuit High
P0224	Throttle/Pedal Position Sensor/Switch "B" Circuit Intermittent
P0225	Throttle/Pedal Position Sensor/Switch "C" Circuit
P0226	Throttle/Pedal Position Sensor/Switch "C" Circuit
P0227	Throttle/Pedal Position Sensor/Switch "C" Circuit Low
P0228	Throttle/Pedal Position Sensor/Switch "C" Circuit High

P0229	Throttle/Pedal Position Sensor/Switch "C" Circuit Intermittent
P022A	Charge Air Cooler Bypass Control "A" Circuit /Open
P022B	Charge Air Cooler Bypass Control "A" Circuit Low
P022C	Charge Air Cooler Bypass Control "A" Circuit High
P022D	Charge Air Cooler Bypass Control "B" Circuit /Open
P022E	Charge Air Cooler Bypass Control "B" Circuit Low
P022F	Charge Air Cooler Bypass Control "B" Circuit High
P0230	Fuel Pump Primary Circuit
P0231	Fuel Pump Secondary Circuit Low
P0232	Fuel Pump Secondary Circuit High
P0233	Fuel Pump Secondary Circuit Intermittent
P0234	Turbocharger/Supercharger "A" Overboost Condition
P0235	Turbocharger/Supercharger Boost Sensor "A" Circuit
P0236	Turbocharger/Supercharger Boost Sensor "A" Circuit
P0237	Turbocharger/Supercharger Boost Sensor "A" Circuit Low
P0238	Turbocharger/Supercharger Boost Sensor "A" Circuit High
P0239	Turbocharger/Supercharger Boost Sensor "B" Circuit
P023A	Charge Air Cooler Coolant Pump Control Circuit/Open
P023B	Charge Air Cooler Coolant Pump Control Circuit Low
P023C	Charge Air Cooler Coolant Pump Control Circuit High
P023D	Manifold Absolute Pressure - Turbocharger/Supercharger Boost

P023E	Manifold Absolute Pressure - Turbocharger/Supercharger Boost
P023F	Fuel Pump Secondary Circuit/Open
P0240	Turbocharger/Supercharger Boost Sensor "B" Circuit
P0241	Turbocharger/Supercharger Boost Sensor "B" Circuit Low
P0242	Turbocharger/Supercharger Boost Sensor "B" Circuit High
P0243	Turbocharger/Supercharger Wastegate Solenoid "A"
P0244	Turbocharger/Supercharger Wastegate Solenoid "A"
P0245	Turbocharger/Supercharger Wastegate Solenoid "A" Low
P0246	Turbocharger/Supercharger Wastegate Solenoid "A" High
P0247	Turbocharger/Supercharger Wastegate Solenoid "B"
P0248	Turbocharger/Supercharger Wastegate Solenoid "B"
P0249	Turbocharger/Supercharger Wastegate Solenoid "B" Low
P024A	Charge Air Cooler Bypass Control "A" Range/Performance
P024B	Charge Air Cooler Bypass Control "A" Stuck
P024C	Charge Air Cooler Bypass Position Sensor "A" Circuit
P024D	Charge Air Cooler Bypass Position Sensor "A" Circuit
P024E	Charge Air Cooler Bypass Position Sensor "A" Circuit Low
P024F	Charge Air Cooler Bypass Position Sensor "A" Circuit High
P0250	Turbocharger/Supercharger Wastegate Solenoid "B" High
P0251	Injection Pump Fuel Metering Control "A" (Cam/Rotor/Injector)

P0252	Injection Pump Fuel Metering Control "A" Range/Performance
P0253	Injection Pump Fuel Metering Control "A" Low (Cam/Rotor/Injector)
P0254	Injection Pump Fuel Metering Control "A" High (Cam/Rotor/Injector)
P0255	Injection Pump Fuel Metering Control "A" Intermittent
P0256	Injection Pump Fuel Metering Control "B" (Cam/Rotor/Injector)
P0257	Injection Pump Fuel Metering Control "B" Range/Performance
P0258	Injection Pump Fuel Metering Control "B" Low (Cam/Rotor/Injector)
P0259	Injection Pump Fuel Metering Control "B" High (Cam/Rotor/Injector)
P025A	Fuel Pump Module Control Circuit/Open
P025B	Fuel Pump Module Control Circuit Range/Performance
P025C	Fuel Pump Module Control Circuit Low
P025D	Fuel Pump Module Control Circuit High
P0260	Injection Pump Fuel Metering Control "B" Intermittent
P0261	Cylinder 1 Injector Circuit Low
P0262	Cylinder 1 Injector Circuit High
P0263	Cylinder 1 Contribution/Balance
P0264	Cylinder 2 Injector Circuit Low
P0265	Cylinder 2 Injector Circuit High
P0266	Cylinder 2 Contribution/Balance

P0267	Cylinder 3 Injector Circuit Low
P0268	Cylinder 3 Injector Circuit High
P0269	Cylinder 3 Contribution/Balance
P0270	Cylinder 4 Injector Circuit Low
P0271	Cylinder 4 Injector Circuit High
P0272	Cylinder 4 Contribution/Balance
P0273	Cylinder 5 Injector Circuit Low
P0274	Cylinder 5 Injector Circuit High
P0275	Cylinder 5 Contribution/Balance
P0276	Cylinder 6 Injector Circuit Low
P0277	Cylinder 6 Injector Circuit High
P0278	Cylinder 6 Contribution/Balance
P0279	Cylinder 7 Injector Circuit Low
P0280	Cylinder 7 Injector Circuit High
P0281	Cylinder 7 Contribution/Balance
P0282	Cylinder 8 Injector Circuit Low
P0283	Cylinder 8 Injector Circuit High
P0284	Cylinder 8 Contribution/Balance
P0285	Cylinder 9 Injector Circuit Low
P0286	Cylinder 9 Injector Circuit High
P0287	Cylinder 9 Contribution/Balance
P0288	Cylinder 10 Injector Circuit Low

P0289	Cylinder 10 Injector Circuit High
P0290	Cylinder 10 Contribution/Balance
P0291	Cylinder 11 Injector Circuit Low
P0292	Cylinder 11 Injector Circuit High
P0293	Cylinder 11 Contribution/Balance
P0294	Cylinder 12 Injector Circuit Low
P0295	Cylinder 12 Injector Circuit High
P0296	Cylinder 12 Contribution/Balance
P0297	Vehicle Overspeed Condition
P0298	Engine Oil Over Temperature
P0299	Turbocharger/Supercharger "A" Underboost Condition
P029A	Cylinder 1 - Fuel Trim at Max Limit
P029B	Cylinder 1 - Fuel Trim at Min Limit
P029C	Cylinder 1 - Injector Restricted
P029D	Cylinder 1 - Injector Leaking
P029E	Cylinder 2 - Fuel Trim at Max Limit
P029F	Cylinder 2 - Fuel Trim at Min Limit
P02A0	Cylinder 2 - Injector Restricted
P02A1	Cylinder 2 - Injector Leaking
P02A2	Cylinder 3 - Fuel Trim at Max Limit
P02A3	Cylinder 3 - Fuel Trim at Min Limit
P02A4	Cylinder 3 - Injector Restricted

P02A5	Cylinder 3 - Injector Leaking
P02A6	Cylinder 4 - Fuel Trim at Max Limit
P02A7	Cylinder 4 - Fuel Trim at Min Limit
P02A8	Cylinder 4 - Injector Restricted
P02A9	Cylinder 4 - Injector Leaking
P02AA	Cylinder 5 - Fuel Trim at Max Limit
P02AB	Cylinder 5 - Fuel Trim at Min Limit
P02AC	Cylinder 5 - Injector Restricted
P02AD	Cylinder 5 - Injector Leaking
P02AE	Cylinder 6 - Fuel Trim at Max Limit
P02AF	Cylinder 6 - Fuel Trim at Min Limit
P02B0	Cylinder 6 - Injector Restricted
P02B1	Cylinder 6 - Injector Leaking
P02B2	Cylinder 7 - Fuel Trim at Max Limit
P02B3	Cylinder 7 - Fuel Trim at Min Limit
P02B4	Cylinder 7 - Injector Restricted
P02B5	Cylinder 7 - Injector Leaking
P02B6	Cylinder 8 - Fuel Trim at Max Limit
P02B7	Cylinder 8 - Fuel Trim at Min Limit
P02B8	Cylinder 8 - Injector Restricted
P02B9	Cylinder 8 - Injector Leaking
P02BA	Cylinder 9 - Fuel Trim at Max Limit

P02BB	Cylinder 9 - Fuel Trim at Min Limit
P02BC	Cylinder 9 - Injector Restricted
P02BD	Cylinder 9 - Injector Leaking
P02BE	Cylinder 10 - Fuel Trim at Max Limit
P02BF	Cylinder 10 - Fuel Trim at Min Limit
P02C0	Cylinder 10 - Injector Restricted
P02C1	Cylinder 10 - Injector Leaking
P02C2	Cylinder 11 - Fuel Trim at Max Limit
P02C3	Cylinder 11 - Fuel Trim at Min Limit
P02C4	Cylinder 11 - Injector Restricted
P02C5	Cylinder 11 - Injector Leaking
P02C6	Cylinder 12 - Fuel Trim at Max Limit
P02C7	Cylinder 12 - Fuel Trim at Min Limit
P02C8	Cylinder 12 - Injector Restricted
P02C9	Cylinder 12 - Injector Leaking
P02CA	Turbocharger/Supercharger "B" Overboost Condition
P02CB	Turbocharger/Supercharger "B" Underboost Condition
P02CC	Cylinder 1 Fuel Injector Offset Learning At Min Limit
P02CD	Cylinder 1 Fuel Injector Offset Learning At Max Limit
P02CE	Cylinder 2 Fuel Injector Offset Learning At Min Limit
P02CF	Cylinder 2 Fuel Injector Offset Learning At Max Limit
P02D0	Cylinder 3 Fuel Injector Offset Learning At Min Limit

P02D1	Cylinder 3 Fuel Injector Offset Learning At Max Limit
P02D2	Cylinder 4 Fuel Injector Offset Learning At Min Limit
P02D3	Cylinder 4 Fuel Injector Offset Learning At Max Limit
P02D4	Cylinder 5 Fuel Injector Offset Learning At Min Limit
P02D5	Cylinder 5 Fuel Injector Offset Learning At Max Limit
P02D6	Cylinder 6 Fuel Injector Offset Learning At Min Limit
P02D7	Cylinder 6 Fuel Injector Offset Learning At Max Limit
P02D8	Cylinder 7 Fuel Injector Offset Learning At Min Limit
P02D9	Cylinder 7 Fuel Injector Offset Learning At Max Limit
P02DA	Cylinder 8 Fuel Injector Offset Learning At Min Limit
P02DB	Cylinder 8 Fuel Injector Offset Learning At Max Limit
P02DC	Cylinder 9 Fuel Injector Offset Learning At Min Limit
P02DD	Cylinder 9 Fuel Injector Offset Learning At Max Limit
P02DE	Cylinder 10 Fuel Injector Offset Learning At Min Limit
P02DF	Cylinder 10 Fuel Injector Offset Learning At Max Limit
P02E0	Diesel Intake Air Flow Control Circuit/Open
P02E1	Diesel Intake Air Flow Control Performance
P02E2	Diesel Intake Air Flow Control Circuit Low
P02E3	Diesel Intake Air Flow Control Circuit High
P02E4	Diesel Intake Air Flow Control Stuck Open
P02E5	Diesel Intake Air Flow Control Stuck Closed
P02E6	Diesel Intake Air Flow Position Sensor Circuit

P02E7	Diesel Intake Air Flow Position Sensor Circuit Range/Performance
P02E8	Diesel Intake Air Flow Position Sensor Circuit Low
P02E9	Diesel Intake Air Flow Position Sensor Circuit High
P02EA	Diesel Intake Air Flow Position Sensor Circuit Intermittent/Erratic
P02EB	Diesel Intake Air Flow Control Motor Current Range/Performance
P02EC	Diesel Intake Air Flow Control System - High Air Flow Detected
P02ED	Diesel Intake Air Flow Control System - Low Air Flow Detected
P02EE	Cylinder 1 Injector Circuit Range/Performance
P02EF	Cylinder 2 Injector Circuit Range/Performance
P02F0	Cylinder 3 Injector Circuit Range/Performance
P02F1	Cylinder 4 Injector Circuit Range/Performance
P02F2	Cylinder 5 Injector Circuit Range/Performance
P02F3	Cylinder 6 Injector Circuit Range/Performance
P02F4	Cylinder 7 Injector Circuit Range/Performance
P02F5	Cylinder 8 Injector Circuit Range/Performance
P02F6	Cylinder 9 Injector Circuit Range/Performance
P02F7	Cylinder 10 Injector Circuit Range/Performance
P02F8	Cylinder 11 Injector Circuit Range/Performance
P02F9	Cylinder 12 Injector Circuit Range/Performance

POXXX

P02FA

Diesel Intake Air Flow Position Sensor Minimum/Maximum Stop

Code	Definition
P0300	Random/Multiple Cylinder Misfire Detected
P0301	Cylinder 1 Misfire Detected
P0302	Cylinder 2 Misfire Detected
P0303	Cylinder 3 Misfire Detected
P0304	Cylinder 4 Misfire Detected
P0305	Cylinder 5 Misfire Detected
P0306	Cylinder 6 Misfire Detected
P0307	Cylinder 7 Misfire Detected
P0308	Cylinder 8 Misfire Detected
P0309	Cylinder 9 Misfire Detected
P0310	Cylinder 10 Misfire Detected
P0311	Cylinder 11 Misfire Detected
P0312	Cylinder 12 Misfire Detected
P0313	Misfire Detected With Low Fuel
P0314	Single Cylinder Misfire (Cylinder not Specified)
P0315	Crankshaft Position System Variation not Learned
P0316	Engine Misfire Detected on Startup (First 1000 Revolutions)
P0317	Rough Road Hardware not Present
P0318	Rough Road Sensor "A" Signal Circuit
P0319	Rough Road Sensor "B" Signal Circuit
P0320	Ignition/Distributor Engine Speed Input Circuit
P0321	Ignition/Distributor Engine Speed Input Circuit Range/Performance
P0322	Ignition/Distributor Engine Speed Input Circuit no Signal
P0323	Ignition/Distributor Engine Speed Input Circuit Intermittent
P0324	Knock Control System Error

P0325	Knock Sensor 1 Circuit
P0326	Knock Sensor 1 Circuit Range/Performance
P0327	Knock Sensor 1 Circuit Low
P0328	Knock Sensor 1 Circuit High
P0329	Knock Sensor 1 Circuit Intermittent
P032A	Knock Sensor 3 Circuit
P032B	Knock Sensor 3 Circuit Range/Performance
P032C	Knock Sensor 3 Circuit Low
P032D	Knock Sensor 3 Circuit High
P032E	Knock Sensor 3 Circuit Intermittent
P0330	Knock Sensor 2 Circuit
P0331	Knock Sensor 2 Circuit Range/Performance
P0332	Knock Sensor 2 Circuit Low
P0333	Knock Sensor 2 Circuit High
P0334	Knock Sensor 2 Circuit Intermittent
P0335	Crankshaft Position Sensor "A" Circuit
P0336	Crankshaft Position Sensor "A" Circuit Range/Performance
P0337	Crankshaft Position Sensor "A" Circuit Low
P0338	Crankshaft Position Sensor "A" Circuit High
P0339	Crankshaft Position Sensor "A" Circuit Intermittent
P033A	Knock Sensor 4 Circuit
P033B	Knock Sensor 4 Circuit Range/Performance
P033C	Knock Sensor 4 Circuit Low
P033D	Knock Sensor 4 Circuit High
P033E	Knock Sensor 4 Circuit Intermittent
P0340	Camshaft Position Sensor "A" Circuit
P0341	Camshaft Position Sensor "A" Circuit Range/Performance
P0342	Camshaft Position Sensor "A" Circuit Low

P0343	Camshaft Position Sensor "A" Circuit High
P0344	Camshaft Position Sensor "A" Circuit Intermittent
P0345	Camshaft Position Sensor "A" Circuit
P0346	Camshaft Position Sensor "A" Circuit Range/Performance
P0347	Camshaft Position Sensor "A" Circuit Low
P0348	Camshaft Position Sensor "A" Circuit High
P0349	Camshaft Position Sensor "A" Circuit Intermittent
P0350	Ignition Coil Primary/Secondary Circuit
P0351	Ignition Coil "A" Primary/Secondary Circuit
P0352	Ignition Coil "B" Primary/Secondary Circuit
P0353	Ignition Coil "C" Primary/Secondary Circuit
P0354	Ignition Coil "D" Primary/Secondary Circuit
P0355	Ignition Coil "E" Primary/Secondary Circuit
P0356	Ignition Coil "F" Primary/Secondary Circuit
P0357	Ignition Coil "G" Primary/Secondary Circuit
P0358	Ignition Coil "H" Primary/Secondary Circuit
P0359	Ignition Coil "I" Primary/Secondary Circuit
P0360	Ignition Coil "J" Primary/Secondary Circuit
P0361	Ignition Coil "K" Primary/Secondary Circuit
P0362	Ignition Coil "L" Primary/Secondary Circuit
P0363	Misfire Detected - Fueling Disabled
P0365	Camshaft Position Sensor "B" Circuit
P0366	Camshaft Position Sensor "B" Circuit Range/Performance
P0367	Camshaft Position Sensor "B" Circuit Low
P0368	Camshaft Position Sensor "B" Circuit High
P0369	mshaft Position Sensor "B" Circuit Intermittent
P0370	Timing Reference High Resolution Signal "A"

P0371	Timing Reference High Resolution Signal "A" Too Many Pulses
P0372	Timing Reference High Resolution Signal "A" Too Few Pulses
P0373	Timing Reference High Resolution Signal "A" Intermittent/Erratic
P0374	Timing Reference High Resolution Signal "A" no Pulses
P0375	Timing Reference High Resolution Signal "B"
P0376	Timing Reference High Resolution Signal "B" Too Many Pulses
P0377	Timing Reference High Resolution Signal "B" Too Few Pulses
P0378	Timing Reference High Resolution Signal "B" Intermittent/Erratic
P0379	Timing Reference High Resolution Signal "B" no Pulses
P037D	Glow Plug Sense Circuit
P037E	Glow Plug Sense Circuit Low
P037F	Glow Plug Sense Circuit High
P0380	Glow Plug/Heater Circuit "A"
P0381	Glow Plug/Heater Indicator Circuit
P0382	Glow Plug/Heater Circuit "B"
P0383	Glow Plug Control Module Control Circuit Low
P0384	Glow Plug Control Module Control Circuit High
P0385	Crankshaft Position Sensor "B" Circuit
P0386	Crankshaft Position Sensor "B" Circuit Range/Performance
P0387	Crankshaft Position Sensor "B" Circuit Low
P0388	Crankshaft Position Sensor "B" Circuit High
P0389	Crankshaft Position Sensor "B" Circuit Intermittent
P0390	Camshaft Position Sensor "B" Circuit

P0391	Camshaft Position Sensor "B" Circuit Range/Performance
P0392	Camshaft Position Sensor "B" Circuit Low
P0393	Camshaft Position Sensor "B" Circuit High
P0394	Camshaft Position Sensor "B" Circuit Intermittent

Code	Definition
P0400	Exhaust Gas Recirculation "A" Flow
P0401	Exhaust Gas Recirculation "A" Flow Insufficient Detected
P0402	Exhaust Gas Recirculation "A" Flow Excessive Detected
P0403	Exhaust Gas Recirculation "A" Control Circuit
P0404	Exhaust Gas Recirculation "A" Control Circuit Range/Performance
P0405	Exhaust Gas Recirculation Sensor "A" Circuit Low
P0406	Exhaust Gas Recirculation Sensor "A" Circuit High
P0407	Exhaust Gas Recirculation Sensor "B" Circuit Low
P0408	Exhaust Gas Recirculation Sensor "B" Circuit High
P0409	Exhaust Gas Recirculation Sensor "A" Circuit
P040A	Exhaust Gas Recirculation Temperature Sensor "A" Circuit
P040B	Exhaust Gas Recirculation Temperature Sensor "A" Circuit
P040C	Exhaust Gas Recirculation Temperature Sensor "A" Circuit Low
P040D	Exhaust Gas Recirculation Temperature Sensor "A" Circuit High
P040E	Exhaust Gas Recirculation Temperature Sensor "A" Circuit
P040F	Exhaust Gas Recirculation Temperature Sensor "A"/"B" Correlation
P0410	Secondary Air Injection System
P0411	Secondary Air Injection System Incorrect Flow Detected
P0412	Secondary Air Injection System Switching Valve "A" Circuit
P0413	Secondary Air Injection System Switching Valve "A" Circuit Open
P0414	Secondary Air Injection System Switching Valve "A" Circuit Shorted
P0415	Secondary Air Injection System Switching Valve "B" Circuit

P0416	Secondary Air Injection System Switching Valve "B" Circuit Open
P0417	Secondary Air Injection System Switching Valve "B" Circuit Shorted
P0418	Secondary Air Injection System Control "A" Circuit
P0419	Secondary Air Injection System Control "B" Circuit
P041A	Exhaust Gas Recirculation Temperature Sensor "B" Circuit
P041B	Exhaust Gas Recirculation Temperature Sensor "B" Circuit
P041C	Exhaust Gas Recirculation Temperature Sensor "B" Circuit Low
P041D	Exhaust Gas Recirculation Temperature Sensor "B" Circuit High
P041E	Exhaust Gas Recirculation Temperature Sensor "B" Circuit
P041F	Secondary Air Injection System Switching Valve "A" Circuit Low
P0420	Catalyst System Efficiency Below Threshold
p0421	Warm Up Catalyst Efficiency Below Threshold
p0422	Main Catalyst Efficiency Below Threshold
p0423	Heated Catalyst Efficiency Below Threshold
p0424	Heated Catalyst Temperature Below Threshold
p0425	Catalyst Temperature Sensor Circuit
p0426	Catalyst Temperature Sensor Circuit Range/Performance
p0427	Catalyst Temperature Sensor Circuit Low
p0428	Catalyst Temperature Sensor Circuit High
p0429	Catalyst Heater Control Circuit
P042A	Catalyst Temperature Sensor Circuit
P042B	Catalyst Temperature Sensor Circuit Range/Performance
P042C	Catalyst Temperature Sensor Circuit Low
P042D	Catalyst Temperature Sensor Circuit High

P042E	Exhaust Gas Recirculation "A" Control Stuck Open
P042F	Exhaust Gas Recirculation "A" Control Stuck Closed
p0430	Catalyst System Efficiency Below Threshold
p0431	Warm Up Catalyst Efficiency Below Threshold
p0432	Main Catalyst Efficiency Below Threshold
p0433	Heated Catalyst Efficiency Below Threshold
p0434	Heated Catalyst Temperature Below Threshold
p0435	Catalyst Temperature Sensor Circuit
p0436	Catalyst Temperature Sensor Circuit Range/Performance
p0437	Catalyst Temperature Sensor Circuit Low
p0438	Catalyst Temperature Sensor Circuit High
p0439	Catalyst Heater Control Circuit
P043A	Catalyst Temperature Sensor Circuit
P043B	Catalyst Temperature Sensor Circuit Range/Performance
P043C	Catalyst Temperature Sensor Circuit Low
P043D	Catalyst Temperature Sensor Circuit High
P043E	Evaporative Emission System Leak Detection Reference Orifice
P043F	Evaporative Emission System Leak Detection Reference Orifice
p0440	Evaporative Emission System
p0441	Evaporative Emission System Incorrect Purge Flow
p0442	Evaporative Emission System Leak Detected (small leak)
p0443	Evaporative Emission System Purge Control Valve Circuit
p0444	Evaporative Emission System Purge Control Valve Circuit Open
p0445	Evaporative Emission System Purge Control Valve Circuit Shorted
p0446	Evaporative Emission System Vent Control Circuit

p0447	Evaporative Emission System Vent Control Circuit Open
p0448	Evaporative Emission System Vent Control Circuit Shorted
p0449	Evaporative Emission System Vent Valve/Solenoid Circuit
P044A	Exhaust Gas Recirculation Sensor "C" Circuit
P044B	Exhaust Gas Recirculation Sensor "C" Circuit Range/Performance
P044C	Exhaust Gas Recirculation Sensor "C" Circuit Low
P044D	Exhaust Gas Recirculation Sensor "C" Circuit High
P044E	Exhaust Gas Recirculation Sensor "C" Circuit Intermittent/Erratic
P044F	Secondary Air Injection System Switching Valve "A" Circuit High
p0450	Evaporative Emission System Pressure Sensor/Switch
p0451	Evaporative Emission System Pressure Sensor/Switch
p0452	Evaporative Emission System Pressure Sensor/Switch Low
p0453	Evaporative Emission System Pressure Sensor/Switch High
p0454	Evaporative Emission System Pressure Sensor/Switch Intermittent
p0455	Evaporative Emission System Leak Detected (large leak)
p0456	Evaporative Emission System Leak Detected (very small leak)
p0457	Evaporative Emission System Leak Detected (fuel cap loose/off)
p0458	Evaporative Emission System Purge Control Valve Circuit Low
p0459	Evaporative Emission System Purge Control Valve Circuit High
P045A	Exhaust Gas Recirculation "B" Control Circuit

P045B	Exhaust Gas Recirculation "B" Control Circuit Range/Performance
P045C	Exhaust Gas Recirculation "B" Control Circuit Low
P045D	Exhaust Gas Recirculation "B" Control Circuit High
P045E	Exhaust Gas Recirculation "B" Control Stuck Open
P045F	Exhaust Gas Recirculation "B" Control Stuck Closed
p0460	Fuel Level Sensor "A" Circuit
p0461	Fuel Level Sensor "A" Circuit Range/Performance
p0462	Fuel Level Sensor "A" Circuit Low
p0463	Fuel Level Sensor "A" Circuit High
p0464	Fuel Level Sensor "A" Circuit Intermittent
p0465	EVAP Purge Flow Sensor Circuit
p0466	EVAP Purge Flow Sensor Circuit Range/Performance
p0467	EVAP Purge Flow Sensor Circuit Low
p0468	EVAP Purge Flow Sensor Circuit High
p0469	EVAP Purge Flow Sensor Circuit Intermittent
P046A	Catalyst Temperature Sensor 1/2 Correlation
P046B	Catalyst Temperature Sensor 1/2 Correlation
P046C	Exhaust Gas Recirculation Sensor "A" Circuit Range/Performance
P046D	Exhaust Gas Recirculation Sensor "A" Circuit Intermittent/Erratic
P046E	Exhaust Gas Recirculation Sensor "B" Circuit Range/Performance
P046F	Exhaust Gas Recirculation Sensor "B" Circuit Intermittent/Erratic
p0470	Exhaust Pressure Sensor "A" Circuit
p0471	Exhaust Pressure Sensor "A" Circuit Range/Performance
p0472	Exhaust Pressure Sensor "A" Circuit Low

p0473	Exhaust Pressure Sensor "A" Circuit High
p0474	Exhaust Pressure Sensor "A" Circuit Intermittent/Erratic
p0475	Exhaust Pressure Control Valve "A"
p0476	Exhaust Pressure Control Valve "A" Range/Performance
p0477	Exhaust Pressure Control Valve "A" Low
p0478	Exhaust Pressure Control Valve "A" High
p0479	Exhaust Pressure Control Valve "A" Intermittent
P047A	Exhaust Pressure Sensor "B" Circuit
P047B	Exhaust Pressure Sensor "B" Circuit Range/Performance
P047C	Exhaust Pressure Sensor "B" Circuit Low
P047D	Exhaust Pressure Sensor "B" Circuit High
P047E	Exhaust Pressure Sensor "B" Circuit Intermittent/Erratic
P047F	Exhaust Pressure Control Valve "A" Stuck Open
p0480	Fan 1 Control Circuit
p0481	Fan 2 Control Circuit
p0482	Fan 3 Control Circuit
p0483	Fan Rationality Check
p0484	Fan Circuit Over Current
p0485	Fan Power/Ground Circuit
p0486	Exhaust Gas Recirculation Sensor "B" Circuit
p0487	Exhaust Gas Recirculation Throttle Control Circuit "A" /Open
p0488	Exhaust Gas Recirculation Throttle Control Circuit "A"
p0489	Exhaust Gas Recirculation "A" Control Circuit Low
P048A	Exhaust Pressure Control Valve "A" Stuck Closed
P048B	Exhaust Pressure Control Valve Position Sensor/Switch Circuit
P048C	Exhaust Pressure Control Valve Position Sensor/Switch Circuit

P048D	Exhaust Pressure Control Valve Position Sensor/Switch Circuit Low
P048E	Exhaust Pressure Control Valve Position Sensor/Switch Circuit
P048F	Exhaust Pressure Control Valve Position Sensor/Switch Circuit
p0490	Exhaust Gas Recirculation "A" Control Circuit High
p0491	Secondary Air Injection System Insufficient Flow
p0492	Secondary Air Injection System Insufficient Flow
p0493	Fan Overspeed
p0494	Fan Speed Low
p0495	Fan Speed High
p0496	Evaporative Emission System High Purge Flow
p0497	Evaporative Emission System Low Purge Flow
p0498	Evaporative Emission System Vent Valve Control Circuit Low
p0499	Evaporative Emission System Vent Valve Control Circuit High
P049A	Exhaust Gas Recirculation "B" Flow
P049B	Exhaust Gas Recirculation "B" Flow Insufficient Detected
P049C	Exhaust Gas Recirculation "B" Flow Excessive Detected
P049D	Exhaust Gas Recirculation "A" Control Position Exceeded Learning
P049E	Exhaust Gas Recirculation "B" Control Position Exceeded Learning
P049F	Exhaust Pressure Control Valve "B"
P04AO	Exhaust Pressure Control Valve "B" Range/Performance
P04A1	Exhaust Pressure Control Valve "B" Low
P04A2	Exhaust Pressure Control Valve "B" High

P04A3	Exhaust Pressure Control Valve "B" Intermittent
P04A4	Exhaust Pressure Control Valve "B" Stuck Open
P04A5	Exhaust Pressure Control Valve "B" Stuck Closed
P04A6	Exhaust Pressure Control Valve "B" Position Sensor/Switch Circuit
P04A7	Exhaust Pressure Control Valve "B" Position Sensor/Switch Circuit
P04A8	Exhaust Pressure Control Valve "B" Position Sensor/Switch Circuit
P04A9	Exhaust Pressure Control Valve "B" Position Sensor/Switch Circuit
P04AA	Exhaust Pressure Control Valve "B" Position Sensor/Switch Circuit

Code	Definition
P0500	Vehicle Speed Sensor "A"
P0501	Vehicle Speed Sensor "A" Range/Performance
P0502	Vehicle Speed Sensor "A" Circuit Low
P0503	Vehicle Speed Sensor "A" Intermittent/Erratic/High
P0504	Brake Switch "A"/"B" Correlation
P0505	Idle Air Control System
P0506	Idle Air Control System RPM Lower Than Expected
P0507	Idle Air Control System RPM Higher Than Expected
P0508	Idle Air Control System Circuit Low
P0509	Idle Air Control System Circuit High
P050A	Cold Start Idle Air Control System Performance
P050B	Cold Start Ignition Timing Performance
P050C	Cold Start Engine Coolant Temperature Performance
P050D	Cold Start Rough Idle
P050E	Cold Start Engine Exhaust Temperature Too Low
P050F	Brake Assist Vacuum Too Low
P0510	Closed Throttle Position Switch
P0511	Idle Air Control Circuit
P0512	Starter Request Circuit
P0513	Incorrect Immobilizer Key
P0514	Battery Temperature Sensor Circuit Range/Performance
P0515	Battery Temperature Sensor Circuit
P0516	Battery Temperature Sensor Circuit Low
P0517	Battery Temperature Sensor Circuit High
P0518	Idle Air Control Circuit Intermittent
P0519	Idle Air Control System Performance
P051A	Crankcase Pressure Sensor Circuit

P051B	Crankcase Pressure Sensor Circuit Range/Performance
P051C	Crankcase Pressure Sensor Circuit Low
P051D	Crankcase Pressure Sensor Circuit High
P051E	Crankcase Pressure Sensor Circuit Intermittent/Erratic
P051F	Positive Crankcase Ventilation Filter Restriction
P0520	Engine Oil Pressure Sensor/Switch Circuit
P0521	Engine Oil Pressure Sensor/Switch Range/Performance
P0522	Engine Oil Pressure Sensor/Switch Low
P0523	Engine Oil Pressure Sensor/Switch High
P0524	Engine Oil Pressure Too Low
P0525	Cruise Control Servo Control Circuit Range/Performance
P0526	Fan Speed Sensor Circuit
P0527	Fan Speed Sensor Circuit Range/Performance
P0528	Fan Speed Sensor Circuit no Signal
P0529	Fan Speed Sensor Circuit Intermittent
P052A	Cold Start "A" Camshaft Position Timing Over-Advanced
P052B	Cold Start "A" Camshaft Position Timing Over-Retarded
P052C	Cold Start "A" Camshaft Position Timing Over-Advanced
P052D	Cold Start "A" Camshaft Position Timing Over-Retarded
P052E	Positive Crankcase Ventilation Regulator Valve Performance
P0530	A/C Refrigerant Pressure Sensor "A" Circuit
P0531	A/C Refrigerant Pressure Sensor "A" Circuit Range/Performance
P0532	A/C Refrigerant Pressure Sensor "A" Circuit Low
P0533	A/C Refrigerant Pressure Sensor "A" Circuit High
P0534	A/C Refrigerant Charge Loss
P0535	A/C Evaporator Temperature Sensor Circuit

P0536	A/C Evaporator Temperature Sensor Circuit Range/Performance
P0537	A/C Evaporator Temperature Sensor Circuit Low
P0538	A/C Evaporator Temperature Sensor Circuit High
P0539	A/C Evaporator Temperature Sensor Circuit Intermittent
P053A	Positive Crankcase Ventilation Heater Control Circuit /Open
P053B	Positive Crankcase Ventilation Heater Control Circuit Low
P053C	Positive Crankcase Ventilation Heater Control Circuit High
P0540	Intake Air Heater "A" Circuit
P0541	Intake Air Heater "A" Circuit Low
P0542	Intake Air Heater "A" Circuit High
P0543	Intake Air Heater "A" Circuit Open
P0544	Exhaust Gas Temperature Sensor Circuit
P0545	Exhaust Gas Temperature Sensor Circuit Low
P0546	Exhaust Gas Temperature Sensor Circuit High
P0547	Exhaust Gas Temperature Sensor Circuit
P0548	Exhaust Gas Temperature Sensor Circuit Low
P0549	Exhaust Gas Temperature Sensor Circuit High
P054A	Cold Start "B" Camshaft Position Timing Over-Advanced
P054B	Cold Start "B" Camshaft Position Timing Over-Retarded
P054C	Cold Start "B" Camshaft Position Timing Over-Advanced
P054D	Cold Start "B" Camshaft Position Timing Over-Retarded
P0550	Power Steering Pressure Sensor/Switch Circuit
P0551	Power Steering Pressure Sensor/Switch Circuit
P0552	Power Steering Pressure Sensor/Switch Circuit Low
P0553	Power Steering Pressure Sensor/Switch Circuit High
P0554	Power Steering Pressure Sensor/Switch Circuit Intermittent
P0555	Brake Booster Pressure Sensor Circuit

P0556	Brake Booster Pressure Sensor Circuit Range/Performance
P0557	Brake Booster Pressure Sensor Circuit Low
P0558	Brake Booster Pressure Sensor Circuit High
P0559	Brake Booster Pressure Sensor Circuit Intermittent
P0560	System Voltage
P0561	System Voltage Unstable
P0562	System Voltage Low
P0563	System Voltage High
P0564	Cruise Control Multi-Function Input "A" Circuit
P0565	Cruise Control "On" Signal
P0566	Cruise Control "Off" Signal
P0567	Cruise Control "Resume" Signal
P0568	Cruise Control "Set" Signal
P0569	Cruise Control "Coast" Signal
P056A	Cruise Control "Increase Distance" Signal
P056B	Cruise Control "Decrease Distance" Signal
P0570	Cruise Control "Accelerate" Signal
P0571	Brake Switch "A" Circuit
P0572	Brake Switch "A" Circuit Low
P0573	Brake Switch "A" Circuit High
P0574	Cruise Control System - Vehicle Speed Too High
P0575	Cruise Control Input Circuit
P0576	Cruise Control Input Circuit Low
P0577	Cruise Control Input Circuit High
P0578	Cruise Control Multi-Function Input "A" Circuit Stuck
P0579	Cruise Control Multi-Function Input "A" Circuit Range/Performance
P0580	Cruise Control Multi-Function Input "A" Circuit Low

P0581	Cruise Control Multi-Function Input "A" Circuit High
P0582	Cruise Control Vacuum Control Circuit/Open
P0583	Cruise Control Vacuum Control Circuit Low
P0584	Cruise Control Vacuum Control Circuit High
P0585	Cruise Control Multi-Function Input "A"/"B" Correlation
P0586	Cruise Control Vent Control Circuit/Open
P0587	Cruise Control Vent Control Circuit Low
P0588	Cruise Control Vent Control Circuit High
P0589	Cruise Control Multi-Function Input "B" Circuit
P0590	Cruise Control Multi-Function Input "B" Circuit Stuck
P0591	Cruise Control Multi-Function Input "B" Circuit Range/Performance
P0592	Cruise Control Multi-Function Input "B" Circuit Low
P0593	Cruise Control Multi-Function Input "B" Circuit High
P0594	Cruise Control Servo Control Circuit/Open
P0595	Cruise Control Servo Control Circuit Low
P0596	Cruise Control Servo Control Circuit High
P0597	Thermostat Heater Control Circuit/Open
P0598	Thermostat Heater Control Circuit Low
P0599	Thermostat Heater Control Circuit High

Code	Definition
P0600	Serial Communication Link
P0601	Internal Control Module Memory Check Sum Error
P0602	Control Module Programming Error
P0603	Internal Control Module Keep Alive Memory (KAM) Error
P0604	Internal Control Module Random Access Memory (RAM) Error
P0605	Internal Control Module Read Only Memory (ROM) Error
P0606	Control Module Processor
P0607	Control Module Performance
P0608	Control Module VSS Output "A"
P0609	Control Module VSS Output "B"
P060A	Internal Control Module Monitoring Processor Performance
P060B	Internal Control Module A/D Processing Performance
P060C	Internal Control Module Main Processor Performance
P060D	Internal Control Module Accelerator Pedal Position Performance
P060E	Internal Control Module Throttle Position Performance
P060E	Internal Control Module Coolant Temperature Performance
P0610	Control Module Vehicle Options Error
P0611	Fuel Injector Control Module Performance
P0612	Fuel Injector Control Module Relay Control
P0613	TCM Processor
P0614	ECM/TCM Incompatible
P0615	Starter Relay Circuit
P0616	Starter Relay Circuit Low
P0617	Starter Relay Circuit High

P0618	Alternative Fuel Control Module KAM Error
P0619	Alternative Fuel Control Module RAM/ROM Error
P061A	Internal Control Module Torque Performance
P061B	Internal Control Module Torque Calculation Performance
P061C	Internal Control Module Engine RPM Performance
P061D	Internal Control Module Engine Air Mass Performance
P061E	Internal Control Module Brake Signal Performance
P061F	Internal Control Module Throttle Actuator Controller Performance
P0620	Generator Control Circuit
P0621	Generator Lamp/L Terminal Circuit
P0622	Generator Field/F Terminal Circuit
P0623	Generator Lamp Control Circuit
P0624	Fuel Cap Lamp Control Circuit
P0625	Generator Field/F Terminal Circuit Low
P0626	Generator Field/F Terminal Circuit High
P0627	Fuel Pump "A" Control Circuit/Open
P0628	Fuel Pump "A" Control Circuit Low
P0629	Fuel Pump "A" Control Circuit High
P062A	Fuel Pump "A" Control Circuit Range/Performance
P062B	Internal Control Module Fuel Injector Control Performance
P062C	Internal Control Module Vehicle Speed Performance
P062D	Fuel Injector Driver Circuit Performance
P062E	Fuel Injector Driver Circuit Performance
P062F	Internal Control Module EEPROM Error
P0630	VIN not Programmed or Incompatible - ECM/PCM
P0631	VIN not Programmed or Incompatible - TCM

P0632	Odometer not Programmed - ECM/PCM
P0633	Immobilizer Key not Programmed - ECM/PCM
P0634	PCM/ECM/TCM Internal Temperature "A" Too High
P0635	Power Steering Control Circuit
P0636	Power Steering Control Circuit Low
P0637	Power Steering Control Circuit High
P0638	Throttle Actuator Control Range/Performance
P0639	Throttle Actuator Control Range/Performance
P063A	Generator Voltage Sense Circuit
P063B	Generator Voltage Sense Circuit Range/Performance
P063C	Generator Voltage Sense Circuit Low
P063D	Generator Voltage Sense Circuit High
P063E	Auto Configuration Throttle Input not Present
P063F	Auto Configuration Engine Coolant Temperature Input not Present
P0640	Intake Air Heater Control Circuit
P0641	Sensor Reference Voltage "A" Circuit/Open
P0642	Sensor Reference Voltage "A" Circuit Low
P0643	Sensor Reference Voltage "A" Circuit High
P0644	Driver Display Serial Communication Circuit
P0645	A/C Clutch Relay Control Circuit
P0646	A/C Clutch Relay Control Circuit Low
P0647	A/C Clutch Relay Control Circuit High
P0648	Immobilizer Lamp Control Circuit
P0649	Speed Control Lamp Control Circuit
P064A	Fuel Pump Control Module
P064B	PTO Control Module
P064C	Glow Plug Control Module

P064D	Internal Control Module O2 Sensor Processor Performance
P064E	Internal Control Module O2 Sensor Processor Performance
P064F	Unauthorized Software/Calibration Detected
P0650	Malfunction Indicator Lamp (MIL) Control Circuit
P0651	Sensor Reference Voltage "B" Circuit/Open
P0652	Sensor Reference Voltage "B" Circuit Low
P0653	Sensor Reference Voltage "B" Circuit High
P0654	Engine RPM Output Circuit
P0655	Engine Hot Lamp Output Control Circuit
P0656	Fuel Level Output Circuit
P0657	Actuator Supply Voltage "A" Circuit/Open
P0658	Actuator Supply Voltage "A" Circuit Low
P0659	Actuator Supply Voltage "A" Circuit High
P065A	Generator System Performance
P065B	Generator Control Circuit Range/Performance
P065C	Generator Mechanical Performance
P065D	Reductant System Malfunction Lamp Control Circuit
P065E	Intake Manifold Tuning Valve Performance
P065F	Intake Manifold Tuning Valve Performance
P0660	Intake Manifold Tuning Valve Control Circuit/Open
P0661	Intake Manifold Tuning Valve Control Circuit Low
P0662	Intake Manifold Tuning Valve Control Circuit High
P0663	Intake Manifold Tuning Valve Control Circuit/Open
P0664	Intake Manifold Tuning Valve Control Circuit Low
P0665	Intake Manifold Tuning Valve Control Circuit High
P0666	PCM/ECM/TCM Internal Temperature Sensor "A" Circuit
P0667	PCM/ECM/TCM Internal Temperature Sensor "A"

P0668	PCM/ECM/TCM Internal Temperature Sensor "A" Circuit Low
P0669	PCM/ECM/TCM Internal Temperature Sensor "A" Circuit High
P066A	Cylinder 1 Glow Plug Control Circuit Low
P066B	Cylinder 1 Glow Plug Control Circuit High
P066C	Cylinder 2 Glow Plug Control Circuit Low
P066D	Cylinder 2 Glow Plug Control Circuit High
P066E	Cylinder 3 Glow Plug Control Circuit Low
P066F	Cylinder 3 Glow Plug Control Circuit High
P0670	Glow Plug Control Module Control Circuit/Open
P0671	Cylinder 1 Glow Plug Circuit/Open
P0672	Cylinder 2 Glow Plug Circuit/Open
P0673	Cylinder 3 Glow Plug Circuit/Open
P0674	Cylinder 4 Glow Plug Circuit/Open
P0675	Cylinder 5 Glow Plug Circuit/Open
P0676	Cylinder 6 Glow Plug Circuit/Open
P0677	Cylinder 7 Glow Plug Circuit/Open
P0678	Cylinder 8 Glow Plug Circuit/Open
P0679	Cylinder 9 Glow Plug Circuit/Open
P067A	Cylinder 4 Glow Plug Control Circuit Low
P067B	Cylinder 4 Glow Plug Control Circuit High
P067C	Cylinder 5 Glow Plug Control Circuit Low
P067D	Cylinder 5 Glow Plug Control Circuit High
P067E	Cylinder 6 Glow Plug Control Circuit Low
P067F	Cylinder 6 Glow Plug Control Circuit High
P0680	Cylinder 10 Glow Plug Circuit/Open
P0681	Cylinder 11 Glow Plug Circuit/Open

P0682	Cylinder 12 Glow Plug Circuit/Open
P0683	Glow Plug Control Module to PCM Communication Circuit
P0684	Glow Plug Control Module to PCM Communication Circuit
P0685	ECM/PCM Power Relay Control Circuit/Open
P0686	ECM/PCM Power Relay Control Circuit Low
P0687	ECM/PCM Power Relay Control Circuit High
P0688	ECM/PCM Power Relay Sense Circuit/Open
P0689	ECM/PCM Power Relay Sense Circuit Low
P068A	ECM/PCM Power Relay De-Energized Performance - Too Early
P068B	ECM/PCM Power Relay De-Energized Performance - Too Late
P068C	Cylinder 7 Glow Plug Control Circuit Low
P068D	Cylinder 7 Glow Plug Control Circuit High
P068E	Cylinder 8 Glow Plug Control Circuit Low
P068F	Cylinder 8 Glow Plug Control Circuit High
P0690	ECM/PCM Power Relay Sense Circuit High
P0691	Fan 1 Control Circuit Low
P0692	Fan 1 Control Circuit High
P0693	Fan 2 Control Circuit Low
P0694	Fan 2 Control Circuit High
P0695	Fan 3 Control Circuit Low
P0696	Fan 3 Control Circuit High
P0697	Sensor Reference Voltage "C" Circuit/Open
P0698	Sensor Reference Voltage "C" Circuit Low
P0699	Sensor Reference Voltage "C" Circuit High
P069A	Cylinder 9 Glow Plug Control Circuit Low
P069B	Cylinder 9 Glow Plug Control Circuit High

P069C	Cylinder 10 Glow Plug Control Circuit Low
P069D	Cylinder 10 Glow Plug Control Circuit High
P069E	Fuel Pump Control Module Requested MIL Illumination
P069F	Throttle Actuator Control Lamp Control Circuit
P06A0	Variable A/C Compressor Control Circuit
P06A1	Variable A/C Compressor Control Circuit Low
P06A2	Variable A/C Compressor Control Circuit High
P06A3	Sensor Reference Voltage "D" Circuit/Open
P06A4	Sensor Reference Voltage "D" Circuit Low
P06A5	Sensor Reference Voltage "D" Circuit High
P06A6	Sensor Reference Voltage "A" Circuit Range/Performance
P06A7	Sensor Reference Voltage "B" Circuit Range/Performance
P06A8	Sensor Reference Voltage "C" Circuit Range/Performance
P06A9	Sensor Reference Voltage "D" Circuit Range/Performance
P06AA	PCM/ECM/TCM Internal Temperature "B" Too High
P06AB	PCM/ECM/TCM Internal Temperature Sensor "B" Circuit
P06AC	PCM/ECM/TCM Internal Temperature Sensor "B"
P06AD	PCM/ECM/TCM Internal Temperature Sensor "B" Circuit Low
P06AE	PCM/ECM/TCM Internal Temperature Sensor "B" Circuit High
P06AF	Torque Management System - Forced Engine Shutdown
P06B0	Sensor Power Supply "A" Circuit/Open
P06B1	Sensor Power Supply "A" Circuit Low
P06B2	Sensor Power Supply "A" Circuit High
P06B3	Sensor Power Supply "B" Circuit/Open
P06B4	Sensor Power Supply "B" Circuit Low
P06B5	Sensor Power Supply "B" Circuit High

P06B6	Internal Control Module Knock Sensor Processor 1 Performance
P06B7	Internal Control Module Knock Sensor Processor 2 Performance
P06B8	Internal Control Module non-Volatile Random Access Memory
P06B9	Cylinder 1 Glow Plug Circuit Range/Performance
P06BA	Cylinder 2 Glow Plug Circuit Range/Performance
P06BB	Cylinder 3 Glow Plug Circuit Range/Performance
P06BC	Cylinder 4 Glow Plug Circuit Range/Performance
P06BD	Cylinder 5 Glow Plug Circuit Range/Performance
P06BE	Cylinder 6 Glow Plug Circuit Range/Performance
P06BF	Cylinder 7 Glow Plug Circuit Range/Performance
P06C0	Cylinder 8 Glow Plug Circuit Range/Performance
P06C1	Cylinder 9 Glow Plug Circuit Range/Performance
P06C2	Cylinder 10 Glow Plug Circuit Range/Performance
P06C3	Cylinder 11 Glow Plug Circuit Range/Performance
P06C4	Cylinder 12 Glow Plug Circuit Range/Performance
P06C5	Cylinder 1 Glow Plug Incorrect
P06C6	Cylinder 2 Glow Plug Incorrect
P06C7	Cylinder 3 Glow Plug Incorrect
P06C8	Cylinder 4 Glow Plug Incorrect
P06C9	Cylinder 5 Glow Plug Incorrect
P06CA	Cylinder 6 Glow Plug Incorrect
P06CB	Cylinder 7 Glow Plug Incorrect
P06CC	Cylinder 8 Glow Plug Incorrect
P06CD	Cylinder 9 Glow Plug Incorrect
P06CE	Cylinder 10 Glow Plug Incorrect
P06CF	Cylinder 11 Glow Plug Incorrect

P06D0	Cylinder 12 Glow Plug Incorrect
P06D1	Internal Control Module Ignition Coil Control Performance

Code	Definition
P0700	Transmission Control System (MIL Request)
P0701	Transmission Control System Range/Performance
P0702	Transmission Control System Electrical
P0703	Brake Switch "B" Circuit
P0704	Clutch Switch Input Circuit
P0705	Transmission Range Sensor "A" Circuit (PRNDL Input)
P0706	Transmission Range Sensor "A" Circuit Range/Performance
P0707	Transmission Range Sensor "A" Circuit Low
P0708	Transmission Range Sensor "A" Circuit High
P0709	Transmission Range Sensor "A" Circuit Intermittent
P070A	Transmission Fluid Level Sensor Circuit
P070B	Transmission Fluid Level Sensor Circuit Range/Performance
P070C	Transmission Fluid Level Sensor Circuit Low
P070D	Transmission Fluid Level Sensor Circuit High
P070E	Transmission Fluid Level Sensor Circuit intermittent/Erratic
P070F	Transmission Fluid Level Too Low
P0710	Transmission Fluid Temperature Sensor "A" Circuit
P0711	Transmission Fluid Temperature Sensor "A" Circuit
P0712	Transmission Fluid Temperature Sensor "A" Circuit Low
P0713	Transmission Fluid Temperature Sensor "A" Circuit High
P0714	Transmission Fluid Temperature Sensor "A" Circuit Intermittent
P0715	Input/Turbine Speed Sensor "A" Circuit
P0716	Input/Turbine Speed Sensor "A" Circuit Range/Performance
P0717	Input/Turbine Speed Sensor "A" Circuit no Signal
P0718	Input/Turbine Speed Sensor "A" Circuit Intermittent

P0719	Brake Switch "B" Circuit Low
P071A	Transmission Mode Switch "A" Circuit
P071B	Transmission Mode Switch "A" Circuit Low
P071C	Transmission Mode Switch "A" Circuit High
P071D	Transmission Mode Switch "B" Circuit
P071E	Transmission Mode Switch "B" Circuit Low
P071F	Transmission Mode Switch "B" Circuit High
P0720	Output Speed Sensor Circuit
P0721	Output Speed Sensor Circuit Range/Performance
P0722	Output Speed Sensor Circuit no Signal
P0723	Output Speed Sensor Circuit Intermittent
P0724	Brake Switch "B" Circuit High
P0725	Engine Speed Input Circuit
P0726	Engine Speed Input Circuit Range/Performance
P0727	Engine Speed Input Circuit no Signal
P0728	Engine Speed Input Circuit Intermittent
P0729	Gear 6 Incorrect Ratio
P072A	Stuck in Neutral
P072B	Stuck In Reverse
P072C	Stuck in Gear 1
P072D	Stuck in Gear 2
P072E	Stuck in Gear 3
P072F	Stuck in Gear 4
P0730	Incorrect Gear Ratio
P0731	Gear 1 Incorrect Ratio
P0732	Gear 2 Incorrect Ratio
P0733	Gear 3 Incorrect Ratio
P0734	Gear 4 Incorrect Ratio

P0735	Gear 5 Incorrect Ratio
P0736	Reverse Incorrect Ratio
P0737	TCM Engine Speed Output Circuit
P0738	TCM Engine Speed Output Circuit Low
P0739	TCM Engine Speed Output Circuit High
P073A	Stuck in Gear 5
P073B	Stuck in Gear 6
P073C	Stuck in Gear 7
P073D	Unable to Engage Neutral
P073E	Unable to Engage Reverse
P073F	Unable to Engage Gear 1
P0740	Torque Converter Clutch Circuit/Open
P0741	Torque Converter Clutch Circuit Performance/Stuck Off
P0742	Torque Converter Clutch Circuit Stuck On
P0743	Torque Converter Clutch Circuit Electrical
P0744	Torque Converter Clutch Circuit Intermittent
P0745	Pressure Control Solenoid "A"
P0746	Pressure Control Solenoid "A" Performance/Stuck Off
P0747	Pressure Control Solenoid "A" Stuck On
P0748	Pressure Control Solenoid "A" Electrical
P0749	Pressure Control Solenoid "A" Intermittent
P074A	Unable To Engage Gear 2
P074B	Unable To Engage Gear 3
P074C	Unable To Engage Gear 4
P074D	Unable To Engage Gear 5
P074E	Unable To Engage Gear 6
P074F	Unable To Engage Gear 7
P0750	Shift Solenoid "A"

P0751	Shift Solenoid "A" Performance/Stuck Off
P0752	Shift Solenoid "A" Stuck On
P0753	Shift Solenoid "A" Electrical
P0754	Shift Solenoid "A" Intermittent
P0755	Shift Solenoid "B"
P0756	Shift Solenoid "B" Performance/Stuck Off
P0757	Shift Solenoid "B" Stuck On
P0758	Shift Solenoid "B" Electrical
P0759	Shift Solenoid "B" Intermittent
P075A	Shift Solenoid "G"
P075B	Shift Solenoid "G" Performance/Stuck Off
P075C	Shift Solenoid "G" Stuck On
P075D	Shift Solenoid "G" Electrical
P075E	Shift Solenoid "G" Intermittent
P075F	Transmission Fluid Level Too High
P0760	Shift Solenoid "C"
P0761	Shift Solenoid "C" Performance/Stuck Off
P0762	Shift Solenoid "C" Stuck On
P0763	Shift Solenoid "C" Electrical
P0764	Shift Solenoid "C" Intermittent
P0765	Shift Solenoid "D"
P0766	Shift Solenoid "D" Performance/Stuck Off
P0767	Shift Solenoid "D" Stuck On
P0768	Shift Solenoid "D" Electrical
P0769	Shift Solenoid "D" Intermittent
P076A	Shift Solenoid "H"
P076B	Shift Solenoid "H" Performance/Stuck Off
P076C	Shift Solenoid "H" Stuck On

P076D	Shift Solenoid "H" Electrical
P076E	Shift Solenoid "H" Intermittent
P076F	Gear 7 Incorrect Ratio
P0770	Shift Solenoid "E"
P0771	Shift Solenoid "E" Performance/Stuck Off
P0772	Shift Solenoid "E" Stuck On
P0773	Shift Solenoid "E" Electrical
P0774	Shift Solenoid "E" Intermittent
P0775	Pressure Control Solenoid "B"
P0776	Pressure Control Solenoid "B" Performance/Stuck Off
P0777	Pressure Control Solenoid "B" Stuck On
P0778	Pressure Control Solenoid "B" Electrical
P0779	Pressure Control Solenoid "B" Intermittent
P077A	Output Speed Sensor Circuit - Loss of Direction Signal
P077B	Output Speed Sensor Circuit - Direction Error
P0780	Shift Error
P0781	1-2 Shift
P0782	2-3 Shift
P0783	3-4 Shift
P0784	4-5 Shift
P0785	Shift Timing Solenoid "A"
P0786	Shift Timing Solenoid "A" Range/Performance
P0787	Shift Timing Solenoid "A" Low
P0788	Shift Timing Solenoid "A" High
P0789	Shift Timing Solenoid "A" Intermittent
P078A	Shift Timing Solenoid "B"
P078B	Shift Timing Solenoid "B" Range/Performance
P078C	Shift Timing Solenoid "B" Low

P078D	Shift Timing Solenoid "B" High
P078E	Shift Timing Solenoid "B" Intermittent
P0790	normal/Performance Switch Circuit
P0791	Intermediate Shaft Speed Sensor "A" Circuit
P0792	Intermediate Shaft Speed Sensor "A" Circuit Range/Performance
P0793	Intermediate Shaft Speed Sensor "A" Circuit no Signal
P0794	Intermediate Shaft Speed Sensor "A" Circuit Intermittent
P0795	Pressure Control Solenoid "C"
P0796	Pressure Control Solenoid "C" Performance/Stuck Off
P0797	Pressure Control Solenoid "C" Stuck On
P0798	Pressure Control Solenoid "C" Electrical
P0799	Pressure Control Solenoid "C" Intermittent
P079A	Transmission Friction Element "A" Slip Detected
P079B	Transmission Friction Element "B" Slip Detected
P079C	Transmission Friction Element "C" Slip Detected
P079D	Transmission Friction Element "D" Slip Detected
P079E	Transmission Friction Element "E" Slip Detected
P079F	Transmission Friction Element "F" Slip Detected
P07A0	Transmission Friction Element "G" Slip Detected
P07A1	Transmission Friction Element "H" Slip Detected
P07A2	Transmission Friction Element "A" Performance/Stuck Off
P07A3	Transmission Friction Element "A" Stuck On
P07A4	Transmission Friction Element "B" Performance/Stuck Off
P07A5	Transmission Friction Element "B" Stuck On
P07A6	Transmission Friction Element "C" Performance/Stuck Off
P07A7	Transmission Friction Element "C" Stuck On
P07A8	Transmission Friction Element "D" Performance/Stuck Off

P07A9	Transmission Friction Element "D" Stuck On
P07AA	Transmission Friction Element "E" Performance/Stuck Off
P07AB	Transmission Friction Element "E" Stuck On
P07AC	Transmission Friction Element "F" Performance/Stuck Off
P07AD	Transmission Friction Element "F" Stuck On
P07AE	Transmission Friction Element "G" Performance/Stuck Off
P07AF	Transmission Friction Element "G" Stuck On
P07B0	Transmission Friction Element "H" Performance/Stuck Off
P07B1	Transmission Friction Element "H" Stuck On
P07B2	Transmission Park Position Sensor/Switch "A" Circuit/Open
P07B3	Transmission Park Position Sensor/Switch "A" Circuit Low
P07B4	Transmission Park Position Sensor/Switch "A" Circuit High
P07B5	Transmission Park Position Sensor/Switch "A" Circuit
P07B6	Transmission Park Position Sensor/Switch "A" Circuit Performance
P07B7	Transmission Park Position Sensor/Switch "A" Circuit
P07B8	Transmission Park Position Sensor/Switch "B" Circuit/Open
P07B9	Transmission Park Position Sensor/Switch "B" Circuit Low
P07BA	Transmission Park Position Sensor/Switch "B" Circuit High
P07BB	Transmission Park Position Sensor/Switch "B" Circuit
P07BC	Transmission Park Position Sensor/Switch "B" Circuit Performance
P07BD	Transmission Park Position Sensor/Switch "B" Circuit
P07BE	Transmission Park Position Sensor/Switch "A"/"B" Correlation

Code	Definition
P0800	Transfer Case Control System (MIL Request)
P0801	Reverse Inhibit Control Circuit
P0802	Transmission Control System MIL Request Circuit/Open
P0803	Upshift/Skip Shift Solenoid Control Circuit
P0804	Upshift/Skip Shift Lamp Control Circuit
P0805	Clutch Position Sensor Circuit
P0806	Clutch Position Sensor Circuit Range/Performance
P0807	Clutch Position Sensor Circuit Low
P0808	Clutch Position Sensor Circuit High
P0809	Clutch Position Sensor Circuit Intermittent
P080A	Clutch Position not Learned
P080B	Upshift/Skip Shift Solenoid Control Circuit Range/Performance
P080C	Upshift/Skip Shift Solenoid Control Circuit Low
P080D	Upshift/Skip Shift Solenoid Control Circuit High
P0810	Clutch Position Control Error
P0811	Excessive Clutch "A" Slippage
P0812	Reverse Input Circuit
P0813	Reverse Output Circuit
P0814	Transmission Range Display Circuit
P0815	Upshift Switch Circuit
P0816	Downshift Switch Circuit
P0817	Starter Disable Circuit/Open
P0818	Driveline Disconnect Switch Input Circuit
P0819	Up and Down Shift Switch to Transmission Range Correlation
P081A	Starter Disable Circuit Low

P081B	Starter Disable Circuit High
P081C	Park Input Circuit
P081D	Neutral Input Circuit
P081E	Excessive Clutch "B" Slippage
P0820	Gear Lever X-Y Position Sensor Circuit
P0821	Gear Lever X Position Circuit
P0822	Gear Lever Y Position Circuit
P0823	Gear Lever X Position Circuit Intermittent
P0824	Gear Lever Y Position Circuit Intermittent
P0825	Gear Lever Push-Pull Switch (Shift Anticipate)
P0826	Up and Down Shift Switch Circuit
P0827	Up and Down Shift Switch Circuit Low
P0828	Up and Down Shift Switch Circuit High
P0829	5-6 Shift
P082A	Gear Lever X Position Circuit Range/Performance
P082B	Gear Lever X Position Circuit Low
P082C	Gear Lever X Position Circuit High
P082D	Gear Lever Y Position Circuit Range/Performance
P082E	Gear Lever Y Position Circuit Low
P082F	Gear Lever Y Position Circuit High
P0830	Clutch Pedal Switch "A" Circuit
P0831	Clutch Pedal Switch "A" Circuit Low
P0832	Clutch Pedal Switch "A" Circuit High
P0833	Clutch Pedal Switch "B" Circuit
P0834	Clutch Pedal Switch "B" Circuit Low
P0835	Clutch Pedal Switch "B" Circuit High
P0836	Four Wheel Drive (4WD) Switch Circuit

P0837	Four Wheel Drive (4WD) Switch Circuit Range/Performance
P0838	Four Wheel Drive (4WD) Switch Circuit Low
P0839	Four Wheel Drive (4WD) Switch Circuit High
P083A	Transmission Fluid Pressure Sensor/Switch "G" Circuit
P083B	Transmission Fluid Pressure Sensor/Switch "G" Circuit
P083C	Transmission Fluid Pressure Sensor/Switch "G" Circuit Low
P083D	Transmission Fluid Pressure Sensor/Switch "G" Circuit High
P083E	Transmission Fluid Pressure Sensor/Switch "G" Circuit Intermittent
P083F	Clutch Pedal Switch "A"/"B" Correlation
P0840	Transmission Fluid Pressure Sensor/Switch "A" Circuit
P0841	Transmission Fluid Pressure Sensor/Switch "A" Circuit
P0842	Transmission Fluid Pressure Sensor/Switch "A" Circuit Low
P0843	Transmission Fluid Pressure Sensor/Switch "A" Circuit High
P0844	Transmission Fluid Pressure Sensor/Switch "A" Circuit Intermittent
P0845	Transmission Fluid Pressure Sensor/Switch "B" Circuit
P0846	Transmission Fluid Pressure Sensor/Switch "B" Circuit
P0847	Transmission Fluid Pressure Sensor/Switch "B" Circuit Low
P0848	Transmission Fluid Pressure Sensor/Switch "B" Circuit High
P0849	Transmission Fluid Pressure Sensor/Switch "B" Circuit Intermittent
P084A	Transmission Fluid Pressure Sensor/Switch "H" Circuit
P084B	Transmission Fluid Pressure Sensor/Switch "H" Circuit
P084C	Transmission Fluid Pressure Sensor/Switch "H" Circuit Low
P084D	Transmission Fluid Pressure Sensor/Switch "H" Circuit High
P084E	Transmission Fluid Pressure Sensor/Switch "H" Circuit Intermittent

P084F	Park/Neutral Switch Output Circuit
P0850	Park/Neutral Switch Input Circuit
P0851	Park/Neutral Switch Input Circuit Low
P0852	Park/Neutral Switch Input Circuit High
P0853	Drive Switch Input Circuit
P0854	Drive Switch Input Circuit Low
P0855	Drive Switch Input Circuit High
P0856	Traction Control Input Signal
P0857	Traction Control Input Signal Range/Performance
P0858	Traction Control Input Signal Low
P0859	Traction Control Input Signal High
P085A	Gear Shift Control Module "B" Communication Circuit
P085B	Gear Shift Control Module "B" Communication Circuit Low
P085C	Gear Shift Control Module "B" Communication Circuit High
P085D	Gear Shift Control Module "A" Performance
P085E	Gear Shift Control Module "B" Performance
P0860	Gear Shift Control Module "A" Communication Circuit
P0861	Gear Shift Control Module "A" Communication Circuit Low
P0862	Gear Shift Control Module "A" Communication Circuit High
P0863	TCM Communication Circuit
P0864	TCM Communication Circuit Range/Performance
P0865	TCM Communication Circuit Low
P0866	TCM Communication Circuit High
P0867	Transmission Fluid Pressure
P0868	Transmission Fluid Pressure Low
P0869	Transmission Fluid Pressure High
P0870	Transmission Fluid Pressure Sensor/Switch "C" Circuit
P0871	Transmission Fluid Pressure Sensor/Switch "C" Circuit

P0872	Transmission Fluid Pressure Sensor/Switch "C" Circuit Low
P0873	Transmission Fluid Pressure Sensor/Switch "C" Circuit High
P0874	Transmission Fluid Pressure Sensor/Switch "C" Circuit Intermittent
P0875	Transmission Fluid Pressure Sensor/Switch "D" Circuit
P0876	Transmission Fluid Pressure Sensor/Switch "D" Circuit
P0877	Transmission Fluid Pressure Sensor/Switch "D" Circuit Low
P0878	Transmission Fluid Pressure Sensor/Switch "D" Circuit High
P0879	Transmission Fluid Pressure Sensor/Switch "D" Circuit Intermittent
P0880	TCM Power Input Signal
P0881	TCM Power Input Signal Range/Performance
P0882	TCM Power Input Signal Low
P0883	TCM Power Input Signal High
P0884	TCM Power Input Signal Intermittent
P0885	TCM Power Relay Control Circuit/Open
P0886	TCM Power Relay Control Circuit Low
P0887	TCM Power Relay Control Circuit High
P0888	TCM Power Relay Sense Circuit
P0889	TCM Power Relay Sense Circuit Range/Performance
P088A	Transmission Fluid Filter Deteriorated
P088B	Transmission Fluid Filter Very Deteriorated
P0890	TCM Power Relay Sense Circuit Low
P0891	TCM Power Relay Sense Circuit High
P0892	TCM Power Relay Sense Circuit Intermittent
P0893	Multiple Gears Engaged
P0894	Transmission Component Slipping
P0895	Shift Time Too Short

P0896	Shift Time Too Long
P0897	Transmission Fluid Deteriorated
P0898	Transmission Control System MIL Request Circuit Low
P0899	Transmission Control System MIL Request Circuit High

Code	Definition
P0900	Clutch Actuator Circuit/Open
P0901	Clutch Actuator Circuit Range/Performance
P0902	Clutch Actuator Circuit Low
P0903	Clutch Actuator Circuit High
P0904	Gate Select Position Circuit
P0905	Gate Select Position Circuit Range/Performance
P0906	Gate Select Position Circuit Low
P0907	Gate Select Position Circuit High
P0908	Gate Select Position Circuit Intermittent
P0909	Gate Select Control Error
P0910	Gate Select Actuator Circuit/Open
P0911	Gate Select Actuator Circuit Range/Performance
P0912	Gate Select Actuator Circuit Low
P0913	Gate Select Actuator Circuit High
P0914	Gear Shift Position Circuit
P0915	Gear Shift Position Circuit Range/Performance
P0916	Gear Shift Position Circuit Low
P0917	Gear Shift Position Circuit High
P0918	Gear Shift Position Circuit Intermittent
P0919	Gear Shift Position Control Error
P0920	Gear Shift Forward Actuator Circuit/Open
P0921	Gear Shift Forward Actuator Circuit Range/Performance
P0922	Gear Shift Forward Actuator Circuit Low
P0923	Gear Shift Forward Actuator Circuit High
P0924	Gear Shift Reverse Actuator Circuit/Open
P0925	Gear Shift Reverse Actuator Circuit Range/Performance
P0926	Gear Shift Reverse Actuator Circuit Low

P0927	Gear Shift Reverse Actuator Circuit High
P0928	Gear Shift Lock Solenoid/Actuator Control Circuit "A"/Open
P0929	Gear Shift Lock Solenoid/Actuator Control Circuit "A"
P092A	Gear Shift Lock Solenoid/Actuator Control Circuit "B"/Open
P092B	Gear Shift Lock Solenoid/Actuator Control Circuit "B"
P092C	Gear Shift Lock Solenoid/Actuator Control Circuit "B" Low
P092D	Gear Shift Lock Solenoid/Actuator Control Circuit "B" High
P0930	Gear Shift Lock Solenoid/Actuator Control Circuit "A" Low
P0931	Gear Shift Lock Solenoid/Actuator Control Circuit "A" High
P0932	Hydraulic Pressure Sensor Circuit
P0933	Hydraulic Pressure Sensor Range/Performance
P0934	Hydraulic Pressure Sensor Circuit Low
P0935	Hydraulic Pressure Sensor Circuit High
P0936	Hydraulic Pressure Sensor Circuit Intermittent
P0937	Hydraulic Oil Temperature Sensor Circuit
P0938	Hydraulic Oil Temperature Sensor Range/Performance
P0939	Hydraulic Oil Temperature Sensor Circuit Low
P0940	Hydraulic Oil Temperature Sensor Circuit High
P0941	Hydraulic Oil Temperature Sensor Circuit Intermittent
P0942	Hydraulic Pressure Unit
P0943	Hydraulic Pressure Unit Cycling Period Too Short
P0944	Hydraulic Pressure Unit Loss of Pressure
P0945	Hydraulic Pump Relay Circuit/Open
P0946	Hydraulic Pump Relay Circuit Range/Performance
P0947	Hydraulic Pump Relay Circuit Low
P0948	Hydraulic Pump Relay Circuit High
P0949	Auto Shift Manual Adaptive Learning not Complete
P0950	Auto Shift Manual Control Circuit

P0951	Auto Shift Manual Control Circuit Range/Performance
P0952	Auto Shift Manual Control Circuit Low
P0953	Auto Shift Manual Control Circuit High
P0954	Auto Shift Manual Control Circuit Intermittent
P0955	Auto Shift Manual Mode Circuit
P0956	Auto Shift Manual Mode Circuit Range/Performance
P0957	Auto Shift Manual Mode Circuit Low
P0958	Auto Shift Manual Mode Circuit High
P0959	Auto Shift Manual Mode Circuit Intermittent
P0960	Pressure Control Solenoid "A" Control Circuit/Open
P0961	Pressure Control Solenoid "A" Control Circuit Range/Performance
P0962	Pressure Control Solenoid "A" Control Circuit Low
P0963	Pressure Control Solenoid "A" Control Circuit High
P0964	Pressure Control Solenoid "B" Control Circuit/Open
P0965	Pressure Control Solenoid "B" Control Circuit Range/Performance
P0966	Pressure Control Solenoid "B" Control Circuit Low
P0967	Pressure Control Solenoid "B" Control Circuit High
P0968	Pressure Control Solenoid "C" Control Circuit/Open
P0969	Pressure Control Solenoid "C" Control Circuit Range/Performance
P0970	Pressure Control Solenoid "C" Control Circuit Low
P0971	Pressure Control Solenoid "C" Control Circuit High
P0972	Shift Solenoid "A" Control Circuit Range/Performance
P0973	Shift Solenoid "A" Control Circuit Low
P0974	Shift Solenoid "A" Control Circuit High
P0975	Shift Solenoid "B" Control Circuit Range/Performance
P0976	Shift Solenoid "B" Control Circuit Low

P0977	Shift Solenoid "B" Control Circuit High
P0978	Shift Solenoid "C" Control Circuit Range/Performance
P0979	Shift Solenoid "C" Control Circuit Low
P0980	Shift Solenoid "C" Control Circuit High
P0981	Shift Solenoid "D" Control Circuit Range/Performance
P0982	Shift Solenoid "D" Control Circuit Low
P0983	Shift Solenoid "D" Control Circuit High
P0984	Shift Solenoid "E" Control Circuit Range/Performance
P0985	Shift Solenoid "E" Control Circuit Low
P0986	Shift Solenoid "E" Control Circuit High
P0987	Transmission Fluid Pressure Sensor/Switch "E" Circuit
P0988	Transmission Fluid Pressure Sensor/Switch "E" Circuit
P0989	Transmission Fluid Pressure Sensor/Switch "E" Circuit Low
P0990	Transmission Fluid Pressure Sensor/Switch "E" Circuit High
P0991	Transmission Fluid Pressure Sensor/Switch "E" Circuit Intermittent
P0992	Transmission Fluid Pressure Sensor/Switch "F" Circuit
P0993	Transmission Fluid Pressure Sensor/Switch "F" Circuit
P0994	Transmission Fluid Pressure Sensor/Switch "F" Circuit Low
P0995	Transmission Fluid Pressure Sensor/Switch "F" Circuit High
P0996	Transmission Fluid Pressure Sensor/Switch "F" Circuit Intermittent
P0997	Shift Solenoid "F" Control Circuit Range/Performance
P0998	Shift Solenoid "F" Control Circuit Low
P0999	Shift Solenoid "F" Control Circuit High
P099A	Shift Solenoid "G" Control Circuit Range/Performance
P099B	Shift Solenoid "G" Control Circuit Low
P099C	Shift Solenoid "G" Control Circuit High

P099D	Shift Solenoid "H" Control Circuit Range/Performance
P099E	Shift Solenoid "H" Control Circuit Low
P099F	Shift Solenoid "H" Control Circuit High
P1000	Manufacturer Controlled DTC

Code	Definition
P0A00	Motor Electronics Coolant Temperature Sensor Circuit
P0A01	Range/Performance
P0A02	Motor Electronics Coolant Temperature Sensor Circuit Low
P0A03	Motor Electronics Coolant Temperature Sensor Circuit High
P0A04	Motor Electronics Coolant Temperature Sensor Circuit Intermittent
P0A05	Motor Electronics Coolant Pump "A" Control Circuit/Open
P0A06	Motor Electronics Coolant Pump "A" Control Circuit Low
P0A07	Motor Electronics Coolant Pump "A" Control Circuit High
P0A08	DC/DC Converter Status Circuit
P0A09	DC/DC Converter Status Circuit Low
P0A0A	High Voltage System Interlock Circuit
P0A0B	High Voltage System Interlock Circuit Performance
P0A0C	High Voltage System Interlock Circuit Low
P0A0D	High Voltage System Interlock Circuit High
P0A0E	High Voltage System Interlock Circuit Intermittent
P0A0F	Engine Failed to Start
P0A10	DC/DC Converter Status Circuit High
P0A11	DC/DC Converter Enable Circuit/Open
P0A12	DC/DC Converter Enable Circuit Low
P0A13	DC/DC Converter Enable Circuit High
P0A14	Engine Mount "A" Control Circuit/Open
P0A15	Engine Mount "A" Control Circuit Low
P0A16	Engine Mount "A" Control Circuit High
P0A17	Motor Torque Sensor Circuit
P0A18	Motor Torque Sensor Circuit Range/Performance

POA19	Motor Torque Sensor Circuit Low
POA1A	Generator Control Module
POA1B	Drive Motor "A" Control Module
POA1C	Drive Motor "B" Control Module
POA1D	Hybrid Powertrain Control Module
POA1E	Starter/Generator Control Module
POA1F	Battery Energy Control Module
POA20	Motor Torque Sensor Circuit High
POA21	Motor Torque Sensor Circuit Intermittent
POA22	Generator Torque Sensor Circuit
POA23	Generator Torque Sensor Circuit Range/Performance
POA24	Generator Torque Sensor Circuit Low
POA25	Generator Torque Sensor Circuit High
POA26	Generator Torque Sensor Circuit Intermittent
POA27	Hybrid Battery Power Off Circuit
POA28	Hybrid Battery Power Off Circuit Low
POA29	Hybrid Battery Power Off Circuit High
POA2A	Drive Motor "A" Temperature Sensor Circuit
POA2B	Drive Motor "A" Temperature Sensor Circuit Range/Performance
POA2C	Drive Motor "A" Temperature Sensor Circuit Low
POA2D	Drive Motor "A" Temperature Sensor Circuit High
POA2E	Drive Motor "A" Temperature Sensor Circuit Intermittent
POA2F	Drive Motor "A" Over Temperature
POA30	Drive Motor "B" Temperature Sensor Circuit
POA31	Drive Motor "B" Temperature Sensor Circuit Range/Performance
POA32	Drive Motor "B" Temperature Sensor Circuit Low

P0A33	Drive Motor "B" Temperature Sensor Circuit High
P0A34	Drive Motor "B" Temperature Sensor Circuit Intermittent
P0A35	Drive Motor "B" Over Temperature
P0A36	Generator Temperature Sensor Circuit
P0A37	Generator Temperature Sensor Circuit Range/Performance
P0A38	Generator Temperature Sensor Circuit Low
P0A39	Generator Temperature Sensor Circuit High
P0A3A	Generator Temperature Sensor Circuit Intermittent
P0A3B	Generator Over Temperature
P0A3C	Drive Motor "A" Inverter Over Temperature
P0A3D	Drive Motor "B" Inverter Over Temperature
P0A3E	Generator Inverter Over Temperature
P0A3F	Drive Motor "A" Position Sensor Circuit
P0A40	Drive Motor "A" Position Sensor Circuit Range/Performance
P0A41	Drive Motor "A" Position Sensor Circuit Low
P0A42	Drive Motor "A" Position Sensor Circuit High
P0A43	Drive Motor "A" Position Sensor Circuit Intermittent
P0A44	Drive Motor "A" Position Sensor Circuit Overspeed
P0A45	Drive Motor "B" Position Sensor Circuit
P0A46	Drive Motor "B" Position Sensor Circuit Range/Performance
P0A47	Drive Motor "B" Position Sensor Circuit Low
P0A48	Drive Motor "B" Position Sensor Circuit High
P0A49	Drive Motor "B" Position Sensor Circuit Intermittent
P0A4A	Drive Motor "B" Position Sensor Circuit Overspeed
P0A4B	Generator Position Sensor Circuit
P0A4C	Generator Position Sensor Circuit Range/Performance

P0A4D	Generator Position Sensor Circuit Low
P0A4E	Generator Position Sensor Circuit High
P0A4F	Generator Position Sensor Circuit Intermittent
P0A50	Generator Position Sensor Circuit Overspeed
P0A51	Drive Motor "A" Current Sensor Circuit
P0A52	Drive Motor "A" Current Sensor Circuit Range/Performance
P0A53	Drive Motor "A" Current Sensor Circuit Low
P0A54	Drive Motor "A" Current Sensor Circuit High
P0A55	Drive Motor "B" Current Sensor Circuit
P0A56	Drive Motor "B" Current Sensor Circuit Range/Performance
P0A57	Drive Motor "B" Current Sensor Circuit Low
P0A58	Drive Motor "B" Current Sensor Circuit High
P0A59	Generator Current Sensor Circuit
P0A5A	Generator Current Sensor Circuit Range/Performance
P0A5B	Generator Current Sensor Circuit Low
P0A5C	Generator Current Sensor Circuit High
P0A5D	Drive Motor "A" Phase U Current
P0A5E	Drive Motor "A" Phase U Current Low
P0A5F	Drive Motor "A" Phase U Current High
P0A60	Drive Motor "A" Phase V Current
P0A61	Drive Motor "A" Phase V Current Low
P0A62	Drive Motor "A" Phase V Current High
P0A63	Drive Motor "A" Phase W Current
P0A64	Drive Motor "A" Phase W Current Low
P0A65	Drive Motor "A" Phase W Current High
P0A66	Drive Motor "B" Phase U Current
P0A67	Drive Motor "B" Phase U Current Low
P0A68	Drive Motor "B" Phase U Current High

P0A69	Drive Motor "B" Phase V Current
P0A6A	Drive Motor "B" Phase V Current Low
P0A6B	Drive Motor "B" Phase V Current High
P0A6C	Drive Motor "B" Phase W Current
P0A6D	Drive Motor "B" Phase W Current Low
P0A6E	Drive Motor "B" Phase W Current High
P0A6F	Generator Phase U Current
P0A70	Generator Phase U Current Low
P0A71	Generator Phase U Current High
P0A72	Generator Phase V Current
P0A73	Generator Phase V Current Low
P0A74	Generator Phase V Current High
P0A75	Generator Phase W Current
P0A76	Generator Phase W Current Low
P0A77	Generator Phase W Current High
P0A78	Drive Motor "A" Inverter Performance
P0A79	Drive Motor "B" Inverter Performance
P0A7A	Generator Inverter Performance
P0A7B	Battery Energy Control Module Requested MIL Illumination
P0A7C	Motor Electronics Over Temperature
P0A7D	Hybrid Battery Pack State of Charge Low
P0A7E	Hybrid Battery Pack Over Temperature
P0A7F	Hybrid Battery Pack Deterioration
P0A80	Replace Hybrid Battery Pack
P0A81	Hybrid Battery Pack Cooling Fan 1 Control Circuit/Open
P0A82	Hybrid Battery Pack Cooling Fan 1 Performance/Stuck Off
P0A83	Hybrid Battery Pack Cooling Fan 1 Stuck On

P0A84	Hybrid Battery Pack Cooling Fan 1 Control Circuit Low
P0A85	Hybrid Battery Pack Cooling Fan 1 Control Circuit High
P0A86	14 Volt Power Module Current Sensor Circuit
P0A87	14 Volt Power Module Current Sensor Circuit Range/Performance
P0A88	14 Volt Power Module Current Sensor Circuit Low
P0A89	14 Volt Power Module Current Sensor Circuit High
P0A8A	14 Volt Power Module Current Sensor Circuit Intermittent
P0A8B	14 Volt Power Module System Voltage
P0A8C	14 Volt Power Module System Voltage Unstable
P0A8D	14 Volt Power Module System Voltage Low
P0A8E	14 Volt Power Module System Voltage High
P0A8F	14 Volt Power Module System Performance
P0A90	Drive Motor "A" Performance
P0A91	Drive Motor "B" Performance
P0A92	Hybrid Generator Performance
P0A93	Inverter "A" Cooling System Performance
P0A94	DC/DC Converter Performance
P0A95	High Voltage Fuse
P0A96	Hybrid Battery Pack Cooling Fan 2 Control Circuit/Open
P0A97	Hybrid Battery Pack Cooling Fan 2 Performance/Stuck Off
P0A98	Hybrid Battery Pack Cooling Fan 2 Stuck On
P0A99	Hybrid Battery Pack Cooling Fan 2 Control Circuit Low
P0A9A	Hybrid Battery Pack Cooling Fan 2 Control Circuit High
P0A9B	Hybrid Battery Temperature Sensor "A" Circuit
P0A9C	Hybrid Battery Temperature Sensor "A" Range/Performance
P0A9D	Hybrid Battery Temperature Sensor "A" Circuit Low

P0A9E	Hybrid Battery Temperature Sensor "A" Circuit High
P0A9F	Hybrid Battery Temperature Sensor "A" Circuit Intermittent/Erratic
P0AA0	Hybrid Battery Positive Contactor Circuit
P0AA1	Hybrid Battery Positive Contactor Circuit Stuck Closed
P0AA2	Hybrid Battery Positive Contactor Circuit Stuck Open
P0AA3	Hybrid Battery Negative Contactor Circuit
P0AA4	Hybrid Battery Negative Contactor Circuit Stuck Closed
P0AA5	Hybrid Battery Negative Contactor Circuit Stuck Open
P0AA6	Hybrid Battery Voltage System Isolation Fault
P0AA7	Hybrid Battery Voltage Isolation Sensor Circuit
P0AA8	Hybrid Battery Voltage Isolation Sensor Circuit Range/Performance
P0AA9	Hybrid Battery Voltage Isolation Sensor Circuit Low
P0AAA	Hybrid Battery Voltage Isolation Sensor Circuit High
P0AAB	Hybrid Battery Voltage Isolation Sensor Circuit Intermittent/Erratic
P0AAC	Hybrid Battery Pack Air Temperature Sensor "A" Circuit
P0AAD	Range/Performance
P0AAE	Hybrid Battery Pack Air Temperature Sensor "A" Circuit Low
P0AAF	Hybrid Battery Pack Air Temperature Sensor "A" Circuit High
P0AB0	Intermittent/Erratic
P0AB1	Hybrid Battery Pack Air Temperature Sensor "B" Circuit
P0AB2	Hybrid Battery Pack Air Temperature Sensor "B" Circuit
P0AB3	Hybrid Battery Pack Air Temperature Sensor "B" Circuit Low

P0AB4	Hybrid Battery Pack Air Temperature Sensor "B" Circuit High
P0AB5	Intermittent/Erratic
P0AB6	Engine Mount "B" Control Circuit/Open
P0AB7	Engine Mount "B" Control Circuit Low
P0AB8	Engine Mount "B" Control Circuit High
P0AB9	Hybrid System Performance
P0ABA	Hybrid Battery Pack Voltage Sense "A" Circuit
P0ABB	Hybrid Battery Pack Voltage Sense "A" Circuit Range/Performance
P0ABC	Hybrid Battery Pack Voltage Sense "A" Circuit Low
P0ABD	Hybrid Battery Pack Voltage Sense "A" Circuit High
P0ABE	Hybrid Battery Pack Voltage Sense "A" Circuit Intermittent/Erratic
P0ABF	Hybrid Battery Pack Current Sensor "A" Circuit
P0AC0	Hybrid Battery Pack Current Sensor "A" Circuit Range/Performance
P0AC1	Hybrid Battery Pack Current Sensor "A" Circuit Low
P0AC2	Hybrid Battery Pack Current Sensor "A" Circuit High
P0AC3	Hybrid Battery Pack Current Sensor "A" Circuit Intermittent/Erratic
P0AC4	Hybrid Powertrain Control Module Requested MIL Illumination
P0AC5	Hybrid Battery Temperature Sensor "B" Circuit
P0AC6	Hybrid Battery Temperature Sensor "B" Range/Performance
P0AC7	Hybrid Battery Temperature Sensor "B" Circuit Low
P0AC8	Hybrid Battery Temperature Sensor "B" Circuit High

P0AC9	Hybrid Battery Temperature Sensor "B" Circuit Intermittent/Erratic
P0ACA	Hybrid Battery Temperature Sensor "C" Circuit
P0ACB	Hybrid Battery Temperature Sensor "C" Range/Performance
P0ACC	Hybrid Battery Temperature Sensor "C" Circuit Low
P0ACD	Hybrid Battery Temperature Sensor "C" Circuit High
P0ACE	Hybrid Battery Temperature Sensor "C" Circuit Intermittent/Erratic
P0ACF	Hybrid Battery Pack Cooling Fan 3 Control Circuit/Open
P0AD0	Hybrid Battery Pack Cooling Fan 3 Performance/Stuck Off
P0AD1	Hybrid Battery Pack Cooling Fan 3 Stuck On
P0AD2	Hybrid Battery Pack Cooling Fan 3 Control Circuit Low
P0AD3	Hybrid Battery Pack Cooling Fan 3 Control Circuit High
P0AD4	Hybrid Battery Pack Air Flow System Insufficient Air Flow
P0AD5	Hybrid Battery Pack Air Flow Valve "A" Control Circuit/Open
P0AD6	Range/Performance
P0AD7	Hybrid Battery Pack Air Flow Valve "A" Control Circuit Low
P0AD8	Hybrid Battery Pack Air Flow Valve "A" Control Circuit High
P0AD9	Hybrid Battery Positive Contactor Control Circuit/Open
P0ADA	Range/Performance
P0ADB	Hybrid Battery Positive Contactor Control Circuit Low
P0ADC	Hybrid Battery Positive Contactor Control Circuit High
P0ADD	Hybrid Battery Negative Contactor Control Circuit/Open
P0ADE	Range/Performance
P0ADF	Hybrid Battery Negative Contactor Control Circuit Low
P0AE0	Hybrid Battery Negative Contactor Control Circuit High
P0AE1	Hybrid Battery Precharge Contactor Circuit

POAE2	Hybrid Battery Precharge Contactor Circuit Stuck Closed
POAE3	Hybrid Battery Precharge Contactor Circuit Stuck Open
POAE4	Hybrid Battery Precharge Contactor Control Circuit
POAE5	Range/Performance
POAE6	Hybrid Battery Precharge Contactor Control Circuit Low
POAE7	Hybrid Battery Precharge Contactor Control Circuit High
POAE8	Hybrid Battery Temperature Sensor "D" Circuit
POAE9	Hybrid Battery Temperature Sensor "D" Range/Performance
POAEA	Hybrid Battery Temperature Sensor "D" Circuit Low
POAEB	Hybrid Battery Temperature Sensor "D" Circuit High
POAEC	Hybrid Battery Temperature Sensor "D" Circuit Intermittent/Erratic
POAED	Drive Motor Inverter Temperature Sensor "A" Circuit
POAEE	Range/Performance
POAEF	Drive Motor Inverter Temperature Sensor "A" Circuit Low
POAF0	Drive Motor Inverter Temperature Sensor "A" Circuit High
POAF1	Intermittent/Erratic
POAF2	Drive Motor Inverter Temperature Sensor "B" Circuit
POAF3	Range/Performance
POAF4	Drive Motor Inverter Temperature Sensor "B" Circuit Low
POAF5	Drive Motor Inverter Temperature Sensor "B" Circuit High
POAF6	Intermittent/Erratic
POAF7	14 Volt Power Module Internal Temperature Too High
POAF8	Hybrid Battery System Voltage
POAF9	Hybrid Battery System Voltage Unstable
POAFA	Hybrid Battery System Voltage Low
POAFB	Hybrid Battery System Voltage High

POAFC	Hybrid Battery Pack Sensor Module
POAFD	Hybrid Battery Pack Temperature Too Low
POAFE	Conversion
POAFF	System Voltage Too Low for Voltage Step Down Conversion

Code	Definition
P0B00	AUXILIARY Transmission Fluid Pump Motor Phase U Current
P0B01	AUXILIARY Transmission Fluid Pump Motor Phase U Current Low
P0B02	AUXILIARY Transmission Fluid Pump Motor Phase U Current High
P0B03	AUXILIARY Transmission Fluid Pump Motor Phase V Current
P0B04	AUXILIARY Transmission Fluid Pump Motor Phase V Current Low
P0B05	AUXILIARY Transmission Fluid Pump Motor Phase V Current High
P0B06	AUXILIARY Transmission Fluid Pump Motor Phase W Current
P0B07	AUXILIARY Transmission Fluid Pump Motor Phase W Current Low
P0B08	AUXILIARY Transmission Fluid Pump Motor Phase W Current High
P0B09	AUXILIARY Transmission Fluid Pump Motor Supply Voltage
P0B0A	AUXILIARY Transmission Fluid Pump Motor Supply Voltage Circuit
P0B0B	AUXILIARY Transmission Fluid Pump Motor Supply Voltage Circuit
P0B0C	AUXILIARY Transmission Fluid Pump Hydraulic Leakage
P0B0D	AUXILIARY Transmission Fluid Pump Motor Control Module
P0B0E	Hybrid Battery Pack Current Sensor "B" Circuit
P0B0F	Hybrid Battery Pack Current Sensor "B" Circuit Range/Performance

POB10	Hybrid Battery Pack Current Sensor "B" Circuit Low
POB11	Hybrid Battery Pack Current Sensor "B" Circuit High
POB12	Hybrid Battery Pack Current Sensor "B" Circuit Intermittent/Erratic
POB13	Hybrid Battery Pack Current Sensor "A"/"B" Correlation
POB14	Hybrid Battery Pack Voltage Sense "B" Circuit
POB15	Hybrid Battery Pack Voltage Sense "B" Circuit Range/Performance
POB16	Hybrid Battery Pack Voltage Sense "B" Circuit Low
POB17	Hybrid Battery Pack Voltage Sense "B" Circuit High
POB18	Hybrid Battery Pack Voltage Sense "B" Circuit Intermittent/Erratic
POB19	Hybrid Battery Pack Voltage Sense "C" Circuit
POB1A	Hybrid Battery Pack Voltage Sense "C" Circuit Range/Performance
POB1B	Hybrid Battery Pack Voltage Sense "C" Circuit Low
POB1C	Hybrid Battery Pack Voltage Sense "C" Circuit High
POB1D	Hybrid Battery Pack Voltage Sense "C" Circuit Intermittent/Erratic
POB1E	Hybrid Battery Pack Voltage Sense "D" Circuit
POB1F	Hybrid Battery Pack Voltage Sense "D" Circuit Range/Performance
POB20	Hybrid Battery Pack Voltage Sense "D" Circuit Low
POB21	Hybrid Battery Pack Voltage Sense "D" Circuit High
POB22	Hybrid Battery Pack Voltage Sense "D" Circuit Intermittent/Erratic
POB23	Hybrid Battery "A" Voltage
POB24	Hybrid Battery "A" Voltage Unstable
POB25	Hybrid Battery "A" Voltage Low

P0B26	Hybrid Battery "A" Voltage High
P0B27	Hybrid Battery "B" Voltage
P0B28	Hybrid Battery "B" Voltage Unstable
P0B29	Hybrid Battery "B" Voltage Low
P0B2A	Hybrid Battery "B" Voltage High
P0B2B	Hybrid Battery "C" Voltage
P0B2C	Hybrid Battery "C" Voltage Unstable
P0B2D	Hybrid Battery "C" Voltage Low
P0B2E	Hybrid Battery "C" Voltage High
P0B2F	Hybrid Battery "D" Voltage
P0B30	Hybrid Battery "D" Voltage Unstable
P0B31	Hybrid Battery "D" Voltage Low
P0B32	Hybrid Battery "D" Voltage High
P0B33	High Voltage Service Disconnect Circuit
P0B34	High Voltage Service Disconnect Circuit Performance
P0B35	High Voltage Service Disconnect Circuit Low
P0B36	High Voltage Service Disconnect Circuit High
P0B37	High Voltage Service Disconnect Open
P0B38	Motor Electronics Coolant Pump "B" Control Circuit/Open
P0B39	Motor Electronics Coolant Pump "B" Control Circuit Low
P0B3A	Motor Electronics Coolant Pump "B" Control Circuit High
P0B3B	Hybrid Battery Voltage Sense "A" Circuit
P0B3C	Hybrid Battery Voltage Sense "A" Circuit Range/Performance
P0B3D	Hybrid Battery Voltage Sense "A" Circuit Low
P0B3E	Hybrid Battery Voltage Sense "A" Circuit High
P0B3F	Hybrid Battery Voltage Sense "A" Circuit Intermittent/Erratic

P0B40	Hybrid Battery Voltage Sense "B" Circuit
P0B41	Hybrid Battery Voltage Sense "B" Circuit Range/Performance
P0B42	Hybrid Battery Voltage Sense "B" Circuit Low
P0B43	Hybrid Battery Voltage Sense "B" Circuit High
P0B44	Hybrid Battery Voltage Sense "B" Circuit Intermittent/Erratic
P0B45	Hybrid Battery Voltage Sense "C" Circuit
P0B46	Hybrid Battery Voltage Sense "C" Circuit Range/Performance
P0B47	Hybrid Battery Voltage Sense "C" Circuit Low
P0B48	Hybrid Battery Voltage Sense "C" Circuit High
P0B49	Hybrid Battery Voltage Sense "C" Circuit Intermittent/Erratic
P0B4A	Hybrid Battery Voltage Sense "D" Circuit
P0B4B	Hybrid Battery Voltage Sense "D" Circuit Range/Performance
P0B4C	Hybrid Battery Voltage Sense "D" Circuit Low
P0B4D	Hybrid Battery Voltage Sense "D" Circuit High
P0B4E	Hybrid Battery Voltage Sense "D" Circuit Intermittent/Erratic
P0B4F	Hybrid Battery Voltage Sense "E" Circuit
P0B50	Hybrid Battery Voltage Sense "E" Circuit Range/Performance
P0B51	Hybrid Battery Voltage Sense "E" Circuit Low
P0B52	Hybrid Battery Voltage Sense "E" Circuit High
P0B53	Hybrid Battery Voltage Sense "E" Circuit Intermittent/Erratic
P0B54	Hybrid Battery Voltage Sense "F" Circuit

P0B55	Hybrid Battery Voltage Sense "F" Circuit Range/Performance
P0B56	Hybrid Battery Voltage Sense "F" Circuit Low
P0B57	Hybrid Battery Voltage Sense "F" Circuit High
P0B58	Hybrid Battery Voltage Sense "F" Circuit Intermittent/Erratic
P0B59	Hybrid Battery Voltage Sense "G" Circuit
P0B5A	Hybrid Battery Voltage Sense "G" Circuit Range/Performance
P0B5B	Hybrid Battery Voltage Sense "G" Circuit Low
P0B5C	Hybrid Battery Voltage Sense "G" Circuit High
P0B5D	Hybrid Battery Voltage Sense "G" Circuit Intermittent/Erratic
P0B5E	Hybrid Battery Voltage Sense "H" Circuit
P0B5F	Hybrid Battery Voltage Sense "H" Circuit Range/Performance
P0B60	Hybrid Battery Voltage Sense "H" Circuit Low
P0B61	Hybrid Battery Voltage Sense "H" Circuit High
P0B62	Hybrid Battery Voltage Sense "H" Circuit Intermittent/Erratic
P0B63	Hybrid Battery Voltage Sense "I" Circuit
P0B64	Hybrid Battery Voltage Sense "I" Circuit Range/Performance
P0B65	Hybrid Battery Voltage Sense "I" Circuit Low
P0B66	Hybrid Battery Voltage Sense "I" Circuit High
P0B67	Hybrid Battery Voltage Sense "I" Circuit Intermittent/Erratic
P0B68	Hybrid Battery Voltage Sense "J" Circuit

P0B69	Hybrid Battery Voltage Sense "J" Circuit Range/Performance
P0B6A	Hybrid Battery Voltage Sense "J" Circuit Low
P0B6B	Hybrid Battery Voltage Sense "J" Circuit High
P0B6C	Hybrid Battery Voltage Sense "J" Circuit Intermittent/Erratic
P0B6D	Hybrid Battery Voltage Sense "K" Circuit
P0B6E	Hybrid Battery Voltage Sense "K" Circuit Range/Performance
P0B6F	Hybrid Battery Voltage Sense "K" Circuit Low
P0B70	Hybrid Battery Voltage Sense "K" Circuit High
P0B71	Hybrid Battery Voltage Sense "K" Circuit Intermittent/Erratic
P0B72	Hybrid Battery Voltage Sense "L" Circuit
P0B73	Hybrid Battery Voltage Sense "L" Circuit Range/Performance
P0B74	Hybrid Battery Voltage Sense "L" Circuit Low
P0B75	Hybrid Battery Voltage Sense "L" Circuit High
P0B76	Hybrid Battery Voltage Sense "L" Circuit Intermittent/Erratic
P0B77	Hybrid Battery Voltage Sense "M" Circuit
P0B78	Hybrid Battery Voltage Sense "M" Circuit Range/Performance
P0B79	Hybrid Battery Voltage Sense "M" Circuit Low
P0B7A	Hybrid Battery Voltage Sense "M" Circuit High
P0B7B	Hybrid Battery Voltage Sense "M" Circuit Intermittent/Erratic
P0B7C	Hybrid Battery Voltage Sense "N" Circuit

P0B7D	Hybrid Battery Voltage Sense "N" Circuit Range/Performance
P0B7E	Hybrid Battery Voltage Sense "N" Circuit Low
P0B7F	Hybrid Battery Voltage Sense "N" Circuit High
P0B80	Hybrid Battery Voltage Sense "N" Circuit Intermittent/Erratic
P0B81	Hybrid Battery Voltage Sense "O" Circuit
P0B82	Hybrid Battery Voltage Sense "O" Circuit Range/Performance
P0B83	Hybrid Battery Voltage Sense "O" Circuit Low
P0B84	Hybrid Battery Voltage Sense "O" Circuit High
P0B85	Hybrid Battery Voltage Sense "O" Circuit Intermittent/Erratic
P0B86	Hybrid Battery Voltage Sense "P" Circuit
P0B87	Hybrid Battery Voltage Sense "P" Circuit Range/Performance
P0B88	Hybrid Battery Voltage Sense "P" Circuit Low
P0B89	Hybrid Battery Voltage Sense "P" Circuit High
P0B8A	Hybrid Battery Voltage Sense "P" Circuit Intermittent/Erratic
P0B8B	Hybrid Battery Voltage Sense "Q" Circuit
P0B8C	Hybrid Battery Voltage Sense "Q" Circuit Range/Performance
P0B8D	Hybrid Battery Voltage Sense "Q" Circuit Low
P0B8E	Hybrid Battery Voltage Sense "Q" Circuit High
P0B8F	Hybrid Battery Voltage Sense "Q" Circuit Intermittent/Erratic
P0B90	Hybrid Battery Voltage Sense "R" Circuit

P0B91	Hybrid Battery Voltage Sense "R" Circuit Range/Performance
P0B92	Hybrid Battery Voltage Sense "R" Circuit Low
P0B93	Hybrid Battery Voltage Sense "R" Circuit High
P0B94	Hybrid Battery Voltage Sense "R" Circuit Intermittent/Erratic
P0B95	Hybrid Battery Voltage Sense "S" Circuit
P0B96	Hybrid Battery Voltage Sense "S" Circuit Range/Performance
P0B97	Hybrid Battery Voltage Sense "S" Circuit Low
P0B98	Hybrid Battery Voltage Sense "S" Circuit High
P0B99	Hybrid Battery Voltage Sense "S" Circuit Intermittent/Erratic
P0B9A	Hybrid Battery Voltage Sense "T" Circuit
P0B9B	Hybrid Battery Voltage Sense "T" Circuit Range/Performance
P0B9C	Hybrid Battery Voltage Sense "T" Circuit Low
P0B9D	Hybrid Battery Voltage Sense "T" Circuit High
P0B9E	Hybrid Battery Voltage Sense "T" Circuit Intermittent/Erratic
P0B9F	Hybrid Battery Voltage Sense "U" Circuit
P0BA0	Hybrid Battery Voltage Sense "U" Circuit Range/Performance
P0BA1	Hybrid Battery Voltage Sense "U" Circuit Low
P0BA2	Hybrid Battery Voltage Sense "U" Circuit High
P0BA3	Hybrid Battery Voltage Sense "U" Circuit Intermittent/Erratic
P0BA4	Hybrid Battery Voltage Sense "V" Circuit

P0BA5	Hybrid Battery Voltage Sense "V" Circuit Range/Performance
P0BA6	Hybrid Battery Voltage Sense "V" Circuit Low
P0BA7	Hybrid Battery Voltage Sense "V" Circuit High
P0BA8	Hybrid Battery Voltage Sense "V" Circuit Intermittent/Erratic
P0BA9	Hybrid Battery Voltage Sense "W" Circuit
POBAA	Hybrid Battery Voltage Sense "W" Circuit Range/Performance
POBAB	Hybrid Battery Voltage Sense "W" Circuit Low
POBAC	Hybrid Battery Voltage Sense "W" Circuit High
POBAD	Hybrid Battery Voltage Sense "W" Circuit Intermittent/Erratic
POBAE	Hybrid Battery Voltage Sense "X" Circuit
POBAF	Hybrid Battery Voltage Sense "X" Circuit Range/Performance
POBBO	Hybrid Battery Voltage Sense "X" Circuit Low
POBB1	Hybrid Battery Voltage Sense "X" Circuit High
POBB2	Hybrid Battery Voltage Sense "X" Circuit Intermittent/Erratic
POBB3	Hybrid Battery Voltage Sense "Y" Circuit
POBB4	Hybrid Battery Voltage Sense "Y" Circuit Range/Performance
POBB5	Hybrid Battery Voltage Sense "Y" Circuit Low
POBB6	Hybrid Battery Voltage Sense "Y" Circuit High
POBB7	Hybrid Battery Voltage Sense "Y" Circuit Intermittent/Erratic
POBB8	Hybrid Battery Voltage Sense "Z" Circuit

P0BB9	Hybrid Battery Voltage Sense "Z" Circuit Range/Performance
P0BBA	Hybrid Battery Voltage Sense "Z" Circuit Low
P0BBB	Hybrid Battery Voltage Sense "Z" Circuit High
P0BBC	Hybrid Battery Voltage Sense "Z" Circuit Intermittent/Erratic
P0BBD	Hybrid Battery Pack Voltage Variation Exceeded Limit
P0BBE	Hybrid Battery Pack Voltage Variation
P0BBF	Hybrid Battery Pack Cooling Fan Supply Voltage Circuit/Open
P0BC0	Hybrid Battery Pack Cooling Fan Supply Voltage Circuit Low
P0BC1	Hybrid Battery Pack Cooling Fan Supply Voltage Circuit High
P0BC2	Hybrid Battery Temperature Sensor "E" Circuit
P0BC3	Hybrid Battery Temperature Sensor "E" Range/Performance
P0BC4	Hybrid Battery Temperature Sensor "E" Circuit Low
P0BC5	Hybrid Battery Temperature Sensor "E" Circuit High
P0BC6	Hybrid Battery Temperature Sensor "E" Circuit Intermittent/Erratic
P0BC7	Hybrid Battery Pack Cooling Fan Sense Circuit/Open
P0BC8	Hybrid Battery Pack Cooling Fan Sense Range/Performance
P0BC9	Hybrid Battery Pack Cooling Fan Sense Circuit Low
P0BCA	Hybrid Battery Pack Cooling Fan Sense Circuit High
P0BCB	Hybrid Battery Pack Cooling Fan Sense Circuit Intermittent/Erratic
P0BCC	Generator Inverter Temperature Sensor Circuit

P0BCD	Generator Inverter Temperature Sensor Circuit Range/Performance
P0BCE	Generator Inverter Temperature Sensor Circuit Low
P0BCF	Generator Inverter Temperature Sensor Circuit High
P0BD0	Generator Inverter Temperature Sensor Circuit Intermittent/Erratic
P0BD1	Drive Motor Inverter Temperature Sensor "C" Circuit
P0BD2	Drive Motor Inverter Temperature Sensor "C" Circuit
P0BD3	Drive Motor Inverter Temperature Sensor "C" Circuit Low
P0BD4	Drive Motor Inverter Temperature Sensor "C" Circuit High
P0BD5	Drive Motor Inverter Temperature Sensor "C" Circuit
P0BD6	Drive Motor Inverter Temperature Sensor "D" Circuit
P0BD7	Drive Motor Inverter Temperature Sensor "D" Circuit
P0BD8	Drive Motor Inverter Temperature Sensor "D" Circuit Low
P0BD9	Drive Motor Inverter Temperature Sensor "D" Circuit High
P0BDA	Drive Motor Inverter Temperature Sensor "D" Circuit
P0BDB	Drive Motor Inverter Temperature Sensor "E" Circuit
P0BDC	Drive Motor Inverter Temperature Sensor "E" Circuit
P0BDD	Drive Motor Inverter Temperature Sensor "E" Circuit Low
P0BDE	Drive Motor Inverter Temperature Sensor "E" Circuit High
P0BDF	Drive Motor Inverter Temperature Sensor "E" Circuit
P0BE0	Drive Motor Inverter Temperature Sensor "F" Circuit
P0BE1	Drive Motor Inverter Temperature Sensor "F" Circuit
P0BE2	Drive Motor Inverter Temperature Sensor "F" Circuit Low
P0BE3	Drive Motor Inverter Temperature Sensor "F" Circuit High
P0BE4	Drive Motor Inverter Temperature Sensor "F" Circuit
P0BE5	Drive Motor "A" Phase U Current Sensor Circuit
P0BE6	Drive Motor "A" Phase U Current Sensor Circuit

POBE7	Drive Motor "A" Phase U Current Sensor Circuit Low
POBE8	Drive Motor "A" Phase U Current Sensor Circuit High
POBE9	Drive Motor "A" Phase V Current Sensor Circuit
POBEA	Drive Motor "A" Phase V Current Sensor Circuit
POBEB	Drive Motor "A" Phase V Current Sensor Circuit Low
POBEC	Drive Motor "A" Phase V Current Sensor Circuit High
POBED	Drive Motor "A" Phase W Current Sensor Circuit
POBEE	Drive Motor "A" Phase W Current Sensor Circuit
POBEF	Drive Motor "A" Phase W Current Sensor Circuit Low
POBF0	Drive Motor "A" Phase W Current Sensor Circuit High
POBF1	Drive Motor "B" Phase U Current Sensor Circuit
POBF2	Drive Motor "B" Phase U Current Sensor Circuit
POBF3	Drive Motor "B" Phase U Current Sensor Circuit Low
POBF4	Drive Motor "B" Phase U Current Sensor Circuit High
POBF5	Drive Motor "B" Phase V Current Sensor Circuit
POBF6	Drive Motor "B" Phase V Current Sensor Circuit
POBF7	Drive Motor "B" Phase V Current Sensor Circuit Low
POBF8	Drive Motor "B" Phase V Current Sensor Circuit High
POBF9	Drive Motor "B" Phase W Current Sensor Circuit
POBFA	Drive Motor "B" Phase W Current Sensor Circuit
POBFB	Drive Motor "B" Phase W Current Sensor Circuit Low
POBFC	Drive Motor "B" Phase W Current Sensor Circuit High
POBFD	Drive Motor "A" Phase U-V-W Current Sensor Correlation
POBFE	Drive Motor "B" Phase U-V-W Current Sensor Correlation
POBFF	Drive Motor "A" Current

Code	Definition
POC00	Drive Motor "A" Current Low
POC01	Drive Motor "A" Current High
POC02	Drive Motor "B" Current
POC03	Drive Motor "B" Current Low
POC04	Drive Motor "B" Current High
POC05	Drive Motor "A" Phase U-V-W Circuit/Open
POC06	Drive Motor "A" Phase U-V-W Circuit Low
POC07	Drive Motor "A" Phase U-V-W Circuit High
POC08	Drive Motor "B" Phase U-V-W Circuit/Open
POC09	Drive Motor "B" Phase U-V-W Circuit Low
POC0A	Drive Motor "B" Phase U-V-W Circuit High
POC0B	Drive Motor "A" Inverter Power Supply Circuit/Open
POC0C	Drive Motor "A" Inverter Power Supply Circuit Low
POC0D	Drive Motor "A" Inverter Power Supply Circuit High
POC0E	Drive Motor "B" Inverter Power Supply Circuit/Open
POC0F	Drive Motor "B" Inverter Power Supply Circuit Low
POC10	Drive Motor "B" Inverter Power Supply Circuit High
POC11	Drive Motor "A" Inverter Phase U Over Temperature
POC12	Drive Motor "A" Inverter Phase V Over Temperature
POC13	Drive Motor "A" Inverter Phase W Over Temperature
POC14	Drive Motor "B" Inverter Phase U Over Temperature
POC15	Drive Motor "B" Inverter Phase V Over Temperature
POC16	Drive Motor "B" Inverter Phase W Over Temperature
POC17	Drive Motor "A" Position Sensor not Learned
POC18	Drive Motor "B" Position Sensor not Learned
POC19	Drive Motor "A" Torque Delivered Performance
POC1A	Drive Motor "B" Torque Delivered Performance

P0C1B	AUXILIARY Transmission Fluid Pump Control Module Internal
P0C1C	AUXILIARY Transmission Fluid Pump Control Module Internal
P0C1D	AUXILIARY Transmission Fluid Pump Control Module Internal
P0C1E	AUXILIARY Transmission Fluid Pump Control Module Internal
P0C1F	AUXILIARY Transmission Fluid Pump Control Module Internal
P0C20	AUXILIARY Transmission Fluid Pump Phase U-V-W Circuit/Open
P0C21	AUXILIARY Transmission Fluid Pump Phase U-V-W Circuit Low
P0C22	AUXILIARY Transmission Fluid Pump Phase U-V-W Circuit High
P0C23	AUXILIARY Transmission Fluid Pump Control Module Circuit/Open
P0C24	AUXILIARY Transmission Fluid Pump Control Module Circuit Low
P0C25	AUXILIARY Transmission Fluid Pump Control Module Circuit High
P0C26	AUXILIARY Transmission Fluid Pump Motor Current
P0C27	AUXILIARY Transmission Fluid Pump Motor Current Low
P0C28	AUXILIARY Transmission Fluid Pump Motor Current High
P0C29	AUXILIARY Transmission Fluid Pump Driver Circuit Performance
P0C2A	AUXILIARY Transmission Fluid Pump Motor Stalled
P0C2B	AUXILIARY Transmission Fluid Pump Control Module Feedback

P0C2C	AUXILIARY Transmission Fluid Pump Control Module Feedback
P0C2D	AUXILIARY Transmission Fluid Pump Control Module Feedback
P0C2E	AUXILIARY Transmission Fluid Pump Control Module Feedback
P0C2F	Internal Control Module Drive Motor/Generator - Engine Speed
P0C30	Hybrid Battery Pack State of Charge High
P0C31	Inverter "B" Cooling System Performance
P0C32	Hybrid Battery Cooling System Performance
P0C33	Hybrid Battery Temperature Sensor "F" Circuit
P0C34	Hybrid Battery Temperature Sensor "F" Circuit Range/Performance
P0C35	Hybrid Battery Temperature Sensor "F" Circuit Low
P0C36	Hybrid Battery Temperature Sensor "F" Circuit High
P0C37	Hybrid Battery Temperature Sensor "F" Circuit Intermittent/Erratic
P0C38	DC/DC Converter Temperature Sensor "A" Circuit
P0C39	DC/DC Converter Temperature Sensor "A" Range/Performance
P0C3A	DC/DC Converter Temperature Sensor "A" Low
P0C3B	DC/DC Converter Temperature Sensor "A" High
P0C3C	DC/DC Converter Temperature Sensor "A" Intermittent/Erratic
P0C3D	DC/DC Converter Temperature Sensor "B" Circuit
P0C3E	DC/DC Converter Temperature Sensor "B" Range/Performance
P0C3A	DC/DC Converter Temperature Sensor "B" Low

P0C40	DC/DC Converter Temperature Sensor "B" High
P0C41	DC/DC Converter Temperature Sensor "B" Intermittent/Erratic
P0C42	Hybrid Battery Pack Coolant Temperature Sensor Circuit
P0C43	Hybrid Battery Pack Coolant Temperature Sensor Circuit
P0C44	Hybrid Battery Pack Coolant Temperature Sensor Circuit Low
P0C45	Hybrid Battery Pack Coolant Temperature Sensor Circuit High
P0C46	Hybrid Battery Pack Coolant Temperature Sensor Circuit
P0C47	Hybrid Battery Pack Coolant Pump Control Circuit/Open
P0C48	Hybrid Battery Pack Coolant Pump Control Circuit Low
P0C49	Hybrid Battery Pack Coolant Pump Control Circuit High
P0C4A	Hybrid Battery Pack Coolant Pump Control Performance
P0C4B	Hybrid Battery Pack Coolant Pump Supply Voltage Circuit/Open
P0C4C	Hybrid Battery Pack Coolant Pump Supply Voltage Circuit Low
P0C4D	Hybrid Battery Pack Coolant Pump Supply Voltage Circuit High
P0C4E	Drive Motor "A" Position Exceeded Learning Limit
P0C4F	Drive Motor "B" Position Exceeded Learning Limit
P0C50	Drive Motor "A" Position Sensor Circuit "A"
P0C51	Drive Motor "A" Position Sensor Circuit "A" Range/Performance
P0C52	Drive Motor "A" Position Sensor Circuit "A" Low
P0C53	Drive Motor "A" Position Sensor Circuit "A" High
P0C54	Drive Motor "A" Position Sensor Circuit "A" Intermittent/Erratic

P0C55	Drive Motor "B" Position Sensor Circuit "A"
P0C56	Drive Motor "B" Position Sensor Circuit "A" Range/Performance
P0C57	Drive Motor "B" Position Sensor Circuit "A" Low
P0C58	Drive Motor "B" Position Sensor Circuit "A" High
P0C59	Drive Motor "B" Position Sensor Circuit "A" Intermittent/Erratic
P0C5A	Drive Motor "A" Position Sensor Circuit "B"
P0C5B	Drive Motor "A" Position Sensor Circuit "B" Range/Performance
P0C5C	Drive Motor "A" Position Sensor Circuit "B" Low
P0C5D	Drive Motor "A" Position Sensor Circuit "B" High
P0C5E	Drive Motor "A" Position Sensor Circuit "B" Intermittent/Erratic
P0C5F	Drive Motor "B" Position Sensor Circuit "B"
P0C60	Drive Motor "B" Position Sensor Circuit "B" Range/Performance
P0C61	Drive Motor "B" Position Sensor Circuit "B" Low
P0C62	Drive Motor "B" Position Sensor Circuit "B" High
P0C63	Drive Motor "B" Position Sensor Circuit "B" Intermittent/Erratic
P0C64	Generator Position Sensor Circuit "A"
P0C65	Generator Position Sensor Circuit "A" Range/Performance
P0C66	Generator Position Sensor Circuit "A" Low
P0C67	Generator Position Sensor Circuit "A" High
P0C68	Generator Position Sensor Circuit "A" Intermittent/Erratic
P0C69	Generator Position Sensor Circuit "B"
P0C6A	Generator Position Sensor Circuit "B" Range/Performance
P0C6B	Generator Position Sensor Circuit "B" Low

P0C6C	Generator Position Sensor Circuit "B" High
P0C6D	Generator Position Sensor Circuit "B" Intermittent/Erratic
P0C6E	Hybrid Battery Temperature Sensor "A"/"B" Correlation
P0C6F	Hybrid Battery Temperature Sensor "B"/"C" Correlation
P0C70	Hybrid Battery Temperature Sensor "C"/"D" Correlation
P0C71	Hybrid Battery Temperature Sensor "D"/"E" Correlation
P0C72	Hybrid Battery Temperature Sensor "E"/"F" Correlation
P0C73	Motor Electronics Coolant Pump "A" Control Performance
P0C74	Motor Electronics Coolant Pump "B" Control Performance
P0C75	Hybrid Battery System Discharge Time Too Short
P0C76	Hybrid Battery System Discharge Time Too Long
P0C77	Hybrid Battery System Precharge Time Too Short
P0C78	Hybrid Battery System Precharge Time Too Long
P0C79	Drive Motor "A" Inverter Voltage Too High
P0C7A	Drive Motor "B" Inverter Voltage Too High
P0C7B	Generator Inverter Voltage Too High
P0C7C	Hybrid Battery Temperature Sensor "G" Circuit
P0C7D	Hybrid Battery Temperature Sensor "G" Range/Performance
P0C7E	Hybrid Battery Temperature Sensor "G" Circuit Low
P0C7F	Hybrid Battery Temperature Sensor "G" Circuit High
P0C80	Hybrid Battery Temperature Sensor "G" Circuit Intermittent/Erratic
P0C81	Hybrid Battery Temperature Sensor "H" Circuit
P0C82	Hybrid Battery Temperature Sensor "H" Range/Performance
P0C83	Hybrid Battery Temperature Sensor "H" Circuit Low
P0C84	Hybrid Battery Temperature Sensor "H" Circuit High

P0C85	Hybrid Battery Temperature Sensor "H" Circuit Intermittent/Erratic
P0C86	Hybrid Battery Temperature Sensor "F"/"G" Correlation
P0C87	Hybrid Battery Temperature Sensor "G"/"H" Correlation

# P2XXX



Code	Definition
P2000	NOX Adsorber Efficiency Below Threshold
P2001	NOX Adsorber Efficiency Below Threshold
P2002	Diesel Particulate Filter Efficiency Below Threshold
P2003	Diesel Particulate Filter Efficiency Below Threshold
P2004	Intake Manifold Runner Control Stuck Open
P2005	Intake Manifold Runner Control Stuck Open
P2006	Intake Manifold Runner Control Stuck Closed
P2007	Intake Manifold Runner Control Stuck Closed
P2008	Intake Manifold Runner Control Circuit/Open
P2009	Intake Manifold Runner Control Circuit Low
P200A	Intake Manifold Runner Performance
P200B	Intake Manifold Runner Performance
P200C	Diesel Particulate Filter Over Temperature
P200D	Diesel Particulate Filter Over Temperature
P200E	Catalyst System Over Temperature
P200F	Catalyst System Over Temperature
P2010	Intake Manifold Runner Control Circuit High
P2011	Intake Manifold Runner Control Circuit/Open
P2012	Intake Manifold Runner Control Circuit Low
P2013	Intake Manifold Runner Control Circuit High
P2014	Intake Manifold Runner Position Sensor/Switch Circuit
P2015	Intake Manifold Runner Position Sensor/Switch Circuit
P2016	Intake Manifold Runner Position Sensor/Switch Circuit Low
P2017	Intake Manifold Runner Position Sensor/Switch Circuit High
P2018	Intake Manifold Runner Position Sensor/Switch Circuit Intermittent
P2019	Intake Manifold Runner Position Sensor/Switch Circuit
P201A	Reductant Injection Valve Circuit Range/Performance

P2020	Intake Manifold Runner Position Sensor/Switch Circuit
P2021	Intake Manifold Runner Position Sensor/Switch Circuit Low
P2022	Intake Manifold Runner Position Sensor/Switch Circuit High
P2023	Intake Manifold Runner Position Sensor/Switch Circuit Intermittent
P2024	Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor
P2025	Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor
P2026	Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor
P2027	Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor
P2028	Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor
P2029	Fuel Fired Heater Disabled
P202A	Reductant Tank Heater Control Circuit/Open
P202B	Reductant Tank Heater Control Circuit Low
P202C	Reductant Tank Heater Control Circuit High
P202D	Reductant Leakage
P202E	Reductant Injection Valve Circuit Range/Performance
P202F	Reductant/Regeneration Supply Control Circuit Range/Performance
P2030	Fuel Fired Heater Performance
P2031	Exhaust Gas Temperature Sensor Circuit
P2032	Exhaust Gas Temperature Sensor Circuit Low
P2033	Exhaust Gas Temperature Sensor Circuit High
P2034	Exhaust Gas Temperature Sensor Circuit
P2035	Exhaust Gas Temperature Sensor Circuit Low
P2036	Exhaust Gas Temperature Sensor Circuit High

P2037	Reductant Injection Air Pressure Sensor "A" Circuit
P2038	Reductant Injection Air Pressure Sensor "A" Circuit
P2039	Reductant Injection Air Pressure Sensor "A" Circuit Low
P203A	Reductant Level Sensor Circuit
P203B	Reductant Level Sensor Circuit Range/Performance
P203C	Reductant Level Sensor Circuit Low
P203D	Reductant Level Sensor Circuit High
P203E	Reductant Level Sensor Circuit Intermittent/Erratic
P203F	Reductant Level Too Low
P2040	Reductant Injection Air Pressure Sensor "A" Circuit High
P2041	Reductant Injection Air Pressure Sensor "A" Circuit Intermittent
P2042	Reductant Temperature Sensor Circuit
P2043	Reductant Temperature Sensor Circuit Range/Performance
P2044	Reductant Temperature Sensor Circuit Low
P2045	Reductant Temperature Sensor Circuit High
P2046	Reductant Temperature Sensor Circuit Intermittent
P2047	Reductant Injection Valve Circuit/Open
P2048	Reductant Injection Valve Circuit Low
P2049	Reductant Injection Valve Circuit High
P204A	Reductant Pressure Sensor Circuit
P204B	Reductant Pressure Sensor Circuit Range/Performance
P204C	Reductant Pressure Sensor Circuit Low
P204D	Reductant Pressure Sensor Circuit High
P204E	Reductant Pressure Sensor Circuit Intermittent/Erratic
P204F	Reductant System Performance
P2050	Reductant Injection Valve Circuit/Open
P2051	Reductant Injection Valve Circuit Low
P2052	Reductant Injection Valve Circuit High
P2053	Reductant Injection Valve Circuit/Open

P2054	Reductant Injection Valve Circuit Low
P2055	Reductant Injection Valve Circuit High
P2056	Reductant Injection Valve Circuit/Open
P2057	Reductant Injection Valve Circuit Low
P2058	Reductant Injection Valve Circuit High
P2059	Reductant Injection Air Pump Control Circuit/Open
P205A	Reductant Tank Temperature Sensor Circuit
P205B	Reductant Tank Temperature Sensor Circuit Range/Performance
P205C	Reductant Tank Temperature Sensor Circuit Low
P205D	Reductant Tank Temperature Sensor Circuit High
P205E	Reductant Tank Temperature Sensor Circuit Intermittent/Erratic
P205F	Reductant System Performance
P2060	Reductant Injection Air Pump Control Circuit Low
P2061	Reductant Injection Air Pump Control Circuit High
P2062	Reductant/Regeneration Supply Control Circuit/Open
P2063	Reductant/Regeneration Supply Control Circuit Low
P2064	Reductant/Regeneration Supply Control Circuit High
P2065	Fuel Level Sensor "B" Circuit
P2066	Fuel Level Sensor "B" Performance
P2067	Fuel Level Sensor "B" Circuit Low
P2068	Fuel Level Sensor "B" Circuit High
P2069	Fuel Level Sensor "B" Circuit Intermittent
P206A	Reductant Quality Sensor Circuit
P206B	Reductant Quality Sensor Circuit Range/Performance
P206C	Reductant Quality Sensor Circuit Low
P206D	Reductant Quality Sensor Circuit High
P206E	Intake Manifold Tuning (IMT) Valve Stuck Open
P206F	Intake Manifold Tuning (IMT) Valve Stuck Closed
P2070	Intake Manifold Tuning (IMT) Valve Stuck Open

P2071	Intake Manifold Tuning (IMT) Valve Stuck Closed
P2072	Throttle Actuator Control System - Ice Blockage
P2073	Manifold Absolute Pressure/Mass Air Flow - Throttle Position
P2074	Manifold Absolute Pressure/Mass Air Flow - Throttle Position
P2075	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit
P2076	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit
P2077	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit
P2078	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit
P2079	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit
P207A	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit
P207B	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit
P207C	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit
P207D	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit
P207E	Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit
P207F	Reductant Quality Performance
P2080	Exhaust Gas Temperature Sensor Circuit Range/Performance
P2081	Exhaust Gas Temperature Sensor Circuit Intermittent
P2082	Exhaust Gas Temperature Sensor Circuit Range/Performance

P2083	Exhaust Gas Temperature Sensor Circuit Intermittent
P2084	Exhaust Gas Temperature Sensor Circuit Range/Performance
P2085	Exhaust Gas Temperature Sensor Circuit Intermittent
P2086	Exhaust Gas Temperature Sensor Circuit Range/Performance
P2087	Exhaust Gas Temperature Sensor Circuit Intermittent
P2088	"A" Camshaft Position Actuator Control Circuit Low
P2089	"A" Camshaft Position Actuator Control Circuit High
P208A	Reductant Pump Control Circuit/Open
P208B	Reductant Pump Control Range/Performance
P208C	Reductant Pump Control Circuit Low
P208D	Reductant Pump Control Circuit High
P208E	Reductant Injection Valve Stuck Closed
P208F	Reductant Injection Valve Stuck Closed
P2090	"B" Camshaft Position Actuator Control Circuit Low
P2091	"B" Camshaft Position Actuator Control Circuit High
P2092	"A" Camshaft Position Actuator Control Circuit Low
P2093	"A" Camshaft Position Actuator Control Circuit High
P2094	"B" Camshaft Position Actuator Control Circuit Low
P2095	"B" Camshaft Position Actuator Control Circuit High
P2096	Post Catalyst Fuel Trim System Too Lean
P2097	Post Catalyst Fuel Trim System Too Rich
P2098	Post Catalyst Fuel Trim System Too Lean
P2099	Post Catalyst Fuel Trim System Too Rich
P209A	Reductant Injection Air Pressure Sensor "B" Circuit
P209B	Reductant Injection Air Pressure Sensor "B" Circuit
P209C	Reductant Injection Air Pressure Sensor "B" Circuit Low
P209D	Reductant Injection Air Pressure Sensor "B" Circuit High
P209E	Reductant Injection Air Pressure Sensor "A"/"B" Correlation
P209F	Reductant Tank Heater Control Circuit Performance

P20A0	Reductant Purge Control Valve Circuit /Open
P20A1	Reductant Purge Control Valve Performance
P20A2	Reductant Purge Control Valve Circuit Low
P20A3	Reductant Purge Control Valve Circuit High
P20A4	Reductant Purge Control Valve Stuck Open
P20A5	Reductant Purge Control Valve Stuck Closed
P20A6	Reductant Injection Air Pressure Control Valve Circuit/Open
P20A7	Reductant Injection Air Pressure Control Valve Performance
P20A8	Reductant Injection Air Pressure Control Valve Circuit Low
P20A9	Reductant Injection Air Pressure Control Valve Circuit High
P20AA	Reductant Injection Air Pressure Control Valve Stuck Open
P20AB	Reductant Injection Air Pressure Control Valve Stuck Closed
P20AC	Reductant Metering Unit Temperature Sensor Circuit
P20AD	Reductant Metering Unit Temperature Sensor Circuit
P20AE	Reductant Metering Unit Temperature Sensor Circuit Low
P20AF	Reductant Metering Unit Temperature Sensor Circuit High
P20B0	Reductant Metering Unit Temperature Sensor Circuit
P20B1	Reductant Heater Coolant Control Valve Circuit/Open
P20B2	Reductant Heater Coolant Control Valve Performance
P20B3	Reductant Heater Coolant Control Valve Circuit Low
P20B4	Reductant Heater Coolant Control Valve Circuit High
P20B5	Reductant Metering Unit Heater Control Circuit/Open
P20B6	Reductant Metering Unit Heater Control Circuit Performance
P20B7	Reductant Metering Unit Heater Control Circuit Low

P20B8	Reductant Metering Unit Heater Control Circuit High
P20B9	Reductant Heater "A" Control Circuit/Open
P20BA	Reductant Heater "A" Control Circuit Performance
P20BB	Reductant Heater "A" Control Circuit Low
P20BC	Reductant Heater "A" Control Circuit High
P20BD	Reductant Heater "B" Control Circuit/Open
P20BE	Reductant Heater "B" Control Circuit Performance
P20BF	Reductant Heater "B" Control Circuit Low
P20C0	Reductant Heater "B" Control Circuit High
P20C1	Reductant Heater "C" Control Circuit/Open
P20C2	Reductant Heater "C" Control Circuit Performance
P20C3	Reductant Heater "C" Control Circuit Low
P20C4	Reductant Heater "C" Control Circuit High
P20C5	Reductant Heater "D" Control Circuit/Open
P20C6	Reductant Heater "D" Control Circuit Performance
P20C7	Reductant Heater "D" Control Circuit Low
P20C8	Reductant Heater "D" Control Circuit High
P20C9	Reductant Control Module Requested MIL Illumination
P20CA	Reductant Injection Air Pressure Leakage
P20CB	Exhaust Aftertreatment Fuel Injector "A" Control Circuit/Open
P20CC	Exhaust Aftertreatment Fuel Injector "A" Control Performance
P20CD	Exhaust Aftertreatment Fuel Injector "A" Control Circuit Low
P20CE	Exhaust Aftertreatment Fuel Injector "A" Control Circuit High
P20CF	Exhaust Aftertreatment Fuel Injector "A" Stuck Open
P20D0	Exhaust Aftertreatment Fuel Injector "A" Stuck Closed
P20D1	Exhaust Aftertreatment Fuel Injector "B" Control Circuit/Open

P20D2	Exhaust Aftertreatment Fuel Injector "B" Control Performance
P20D3	Exhaust Aftertreatment Fuel Injector "B" Control Circuit Low
P20D4	Exhaust Aftertreatment Fuel Injector "B" Control Circuit High
P20D5	Exhaust Aftertreatment Fuel Injector "B" Stuck Open
P20D6	Exhaust Aftertreatment Fuel Injector "B" Stuck Closed
P20D7	Exhaust Aftertreatment Fuel Supply Control Circuit/Open
P20D8	Exhaust Aftertreatment Fuel Supply Control Performance
P20D9	Exhaust Aftertreatment Fuel Supply Control Circuit Low
P20DA	Exhaust Aftertreatment Fuel Supply Control Circuit High
P20DB	Exhaust Aftertreatment Fuel Supply Control Stuck Open
P20DC	Exhaust Aftertreatment Fuel Supply Control Stuck Closed
P20DD	Exhaust Aftertreatment Fuel Pressure Sensor Circuit
P20DE	Exhaust Aftertreatment Fuel Pressure Sensor Circuit
P20DF	Exhaust Aftertreatment Fuel Pressure Sensor Circuit Low
P20E0	Exhaust Aftertreatment Fuel Pressure Sensor Circuit High
P20E1	Exhaust Aftertreatment Fuel Pressure Sensor Circuit
P20E2	Exhaust Gas Temperature Sensor 1/2 Correlation
P20E3	Exhaust Gas Temperature Sensor 1/3 Correlation
P20E4	Exhaust Gas Temperature Sensor 2/3 Correlation
P20E5	Exhaust Gas Temperature Sensor 1/2 Correlation
P20E6	Reductant Injection Air Pressure Too Low
P20E7	Reductant Injection Air Pressure Too High
P20E8	Reductant Pressure Too Low
P20E9	Reductant Pressure Too High
P20EA	Reductant Control Module Power Relay De-Energized Performance
P20EB	Reductant Control Module Power Relay De-Energized Performance

P20EC	SCR NOX Catalyst - Over Temperature
P20ED	SCR NOX Pre-Catalyst - Over Temperature
P20EE	SCR NOX Catalyst Efficiency Below Threshold
P20EF	SCR NOX Pre- Catalyst Efficiency Below Threshold
P20F0	SCR NOX Catalyst - Over Temperature
P20F1	SCR NOX Pre-Catalyst - Over Temperature
P20F2	SCR NOX Catalyst Efficiency Below Threshold
P20F3	SCR NOX Pre- Catalyst Efficiency Below Threshold
P20F4	Reductant Consumption Too Low
P20F5	Reductant Consumption Too High
P20F6	Reductant Injection Valve Stuck Open
P20F7	Reductant Injection Valve Stuck Open

Code	Definition
P2100	Throttle Actuator "A" Control Motor Circuit/Open
P2101	Throttle Actuator "A" Control Motor Circuit Range/Performance
P2102	Throttle Actuator "A" Control Motor Circuit Low
P2103	Throttle Actuator "A" Control Motor Circuit High
P2104	Throttle Actuator Control System - Forced Idle
P2105	Throttle Actuator Control System - Forced Engine Shutdown
P2106	Throttle Actuator Control System - Forced Limited Power
P2107	Throttle Actuator Control Module Processor
P2108	Throttle Actuator Control Module Performance
P2109	Throttle/Pedal Position Sensor "A" Minimum Stop Performance
P210A	Throttle Actuator "B" Control Motor Circuit/Open
P210B	Throttle Actuator "B" Control Motor Circuit Range/Performance
P210C	Throttle Actuator "B" Control Motor Circuit Low
P210D	Throttle Actuator "B" Control Motor Circuit High
P210E	Throttle/Pedal Position Sensor/Switch "C"/"F" Voltage Correlation
P2110	Throttle Actuator Control System - Forced Limited RPM
P2111	Throttle Actuator Control System - Stuck Open
P2112	Throttle Actuator Control System - Stuck Closed
P2113	Throttle/Pedal Position Sensor "B" Minimum Stop Performance
P2114	Throttle/Pedal Position Sensor "C" Minimum Stop Performance

P2115	Throttle/Pedal Position Sensor "D" Minimum Stop Performance
P2116	Throttle/Pedal Position Sensor "E" Minimum Stop Performance
P2117	Throttle/Pedal Position Sensor "F" Minimum Stop Performance
P2118	Throttle Actuator Control Motor Current Range/Performance
P2119	Throttle Actuator Control Throttle Body Range/Performance
P2120	Throttle/Pedal Position Sensor/Switch "D" Circuit
P2121	Throttle/Pedal Position Sensor/Switch "D" Circuit
P2122	Throttle/Pedal Position Sensor/Switch "D" Circuit Low
P2123	Throttle/Pedal Position Sensor/Switch "D" Circuit High
P2124	Throttle/Pedal Position Sensor/Switch "D" Circuit Intermittent
P2125	Throttle/Pedal Position Sensor/Switch "E" Circuit
P2126	Throttle/Pedal Position Sensor/Switch "E" Circuit
P2127	Throttle/Pedal Position Sensor/Switch "E" Circuit Low
P2128	Throttle/Pedal Position Sensor/Switch "E" Circuit High
P2129	Throttle/Pedal Position Sensor/Switch "E" Circuit Intermittent
P212A	Throttle Position Sensor/Switch "G" Circuit
P212B	Throttle Position Sensor/Switch "G" Circuit Range/Performance
P212C	Throttle Position Sensor/Switch "G" Circuit Low
P212D	Throttle Position Sensor/Switch "G" Circuit High
P212E	Throttle Position Sensor/Switch "G" Circuit Intermittent
P2130	Throttle/Pedal Position Sensor/Switch "F" Circuit

P2131	Throttle/Pedal Position Sensor/Switch "F" Circuit
P2132	Throttle/Pedal Position Sensor/Switch "F" Circuit Low
P2133	Throttle/Pedal Position Sensor/Switch "F" Circuit High
P2134	Throttle/Pedal Position Sensor/Switch "F" Circuit Intermittent
P2135	Throttle/Pedal Position Sensor/Switch "A"/"B" Voltage Correlation
P2136	Throttle/Pedal Position Sensor/Switch "A"/"C" Voltage Correlation
P2137	Throttle/Pedal Position Sensor/Switch "B"/"C" Voltage Correlation
P2138	Throttle/Pedal Position Sensor/Switch "D"/"E" Voltage Correlation
P2139	Throttle/Pedal Position Sensor/Switch "D"/"F" Voltage Correlation
P213A	Exhaust Gas Recirculation Throttle Control Circuit "B" /Open
P213B	Exhaust Gas Recirculation Throttle Control Circuit "B"
P213C	Exhaust Gas Recirculation Throttle Control Circuit "B" Low
P213D	Exhaust Gas Recirculation Throttle Control Circuit "B" High
P213E	Fuel Injection System Fault - Forced Engine Shutdown
P213F	Fuel Pump System Fault - Forced Engine Shutdown
P2140	Throttle/Pedal Position Sensor/Switch "E"/"F" Voltage Correlation
P2141	Exhaust Gas Recirculation Throttle Control Circuit "A" Low
P2142	Exhaust Gas Recirculation Throttle Control Circuit "A" High
P2143	Exhaust Gas Recirculation Vent Control Circuit/Open
P2144	Exhaust Gas Recirculation Vent Control Circuit Low
P2145	Exhaust Gas Recirculation Vent Control Circuit High

P2146	Fuel Injector Group "A" Supply Voltage Circuit/Open
P2147	Fuel Injector Group "A" Supply Voltage Circuit Low
P2148	Fuel Injector Group "A" Supply Voltage Circuit High
P2149	Fuel Injector Group "B" Supply Voltage Circuit/Open
P2150	Fuel Injector Group "B" Supply Voltage Circuit Low
P2151	Fuel Injector Group "B" Supply Voltage Circuit High
P2152	Fuel Injector Group "C" Supply Voltage Circuit/Open
P2153	Fuel Injector Group "C" Supply Voltage Circuit Low
P2154	Fuel Injector Group "C" Supply Voltage Circuit High
P2155	Fuel Injector Group "D" Supply Voltage Circuit/Open
P2156	Fuel Injector Group "D" Supply Voltage Circuit Low
P2157	Fuel Injector Group "D" Supply Voltage Circuit High
P2158	Vehicle Speed Sensor "B"
P2159	Vehicle Speed Sensor "B" Range/Performance
P215A	Vehicle Speed - Wheel Speed Correlation
P215B	Vehicle Speed - Output Shaft Speed Correlation
P215C	Output Shaft Speed - Wheel Speed Correlation
P2160	Vehicle Speed Sensor "B" Circuit Low
P2161	Vehicle Speed Sensor "B" Intermittent/Erratic/High
P2162	Vehicle Speed Sensor "A"/"B" Correlation
P2163	Throttle/Pedal Position Sensor "A" Maximum Stop Performance
P2164	Throttle/Pedal Position Sensor "B" Maximum Stop Performance
P2165	Throttle/Pedal Position Sensor "C" Maximum Stop Performance
P2166	Throttle/Pedal Position Sensor "D" Maximum Stop Performance

P2167	Throttle/Pedal Position Sensor "E" Maximum Stop Performance
P2168	Throttle/Pedal Position Sensor "F" Maximum Stop Performance
P2169	Exhaust Pressure Regulator Vent Solenoid Control Circuit/Open
P216A	Fuel Injector Group "E" Supply Voltage Circuit/Open
P216B	Fuel Injector Group "E" Supply Voltage Circuit Low
P216C	Fuel Injector Group "E" Supply Voltage Circuit High
P216D	Fuel Injector Group "F" Supply Voltage Circuit/Open
P216E	Fuel Injector Group "F" Supply Voltage Circuit Low
P216F	Fuel Injector Group "F" Supply Voltage Circuit High
P2170	Exhaust Pressure Regulator Vent Solenoid Control Circuit Low
P2171	Exhaust Pressure Regulator Vent Solenoid Control Circuit High
P2172	Throttle Actuator Control System - Sudden High Air Flow Detected
P2173	Throttle Actuator Control System - High Air Flow Detected
P2174	Throttle Actuator Control System - Sudden Low Air Flow Detected
P2175	Throttle Actuator Control System - Low Air Flow Detected
P2176	Throttle Actuator Control System - Idle Position not Learned
P2177	System Too Lean Off Idle
P2178	System Too Rich Off Idle
P2179	System Too Lean Off Idle
P217A	Fuel Injector Group "G" Supply Voltage Circuit/Open
P217B	Fuel Injector Group "G" Supply Voltage Circuit Low

P217C	Fuel Injector Group "G" Supply Voltage Circuit High
P217D	Fuel Injector Group "H" Supply Voltage Circuit/Open
P217E	Fuel Injector Group "H" Supply Voltage Circuit Low
P217F	Fuel Injector Group "H" Supply Voltage Circuit High
P2180	System Too Rich Off Idle
P2181	Cooling System Performance
P2182	Engine Coolant Temperature Sensor 2 Circuit
P2183	Engine Coolant Temperature Sensor 2 Circuit Range/Performance
P2184	Engine Coolant Temperature Sensor 2 Circuit Low
P2185	Engine Coolant Temperature Sensor 2 Circuit High
P2186	Engine Coolant Temperature Sensor 2 Circuit Intermittent/Erratic
P2187	System Too Lean at Idle
P2188	System Too Rich at Idle
P2189	System Too Lean at Idle
P2190	System Too Rich at Idle
P2191	System Too Lean at Higher Load
P2192	System Too Rich at Higher Load
P2193	System Too Lean at Higher Load
P2194	System Too Rich at Higher Load
P2195	O2 Sensor Signal Biased/Stuck Lean
P2196	O2 Sensor Signal Biased/Stuck Rich
P2197	O2 Sensor Signal Biased/Stuck Lean
P2198	O2 Sensor Signal Biased/Stuck Rich
P2199	Intake Air Temperature Sensor 1/2 Correlation

Code	Definition
P2200	NOX Sensor Circuit
P2201	NOX Sensor Circuit Range/Performance
P2202	NOX Sensor Circuit Low
P2203	NOX Sensor Circuit High
P2204	NOX Sensor Circuit Intermittent
P2205	NOX Sensor Heater Control Circuit/Open
P2206	NOX Sensor Heater Control Circuit Low
P2207	NOX Sensor Heater Control Circuit High
P2208	NOX Sensor Heater Sense Circuit
P2209	NOX Sensor Heater Sense Circuit Range/Performance
P2210	NOX Sensor Heater Sense Circuit Low
P2211	NOX Sensor Heater Sense Circuit High
P2212	NOX Sensor Heater Sense Circuit Intermittent
P2213	NOX Sensor Circuit
P2214	NOX Sensor Circuit Range/Performance
P2215	NOX Sensor Circuit Low
P2216	NOX Sensor Circuit High
P2217	NOX Sensor Circuit Intermittent
P2218	NOX Sensor Heater Control Circuit/Open
P2219	NOX Sensor Heater Control Circuit Low
P2220	NOX Sensor Heater Control Circuit High
P2221	NOX Sensor Heater Sense Circuit
P2222	NOX Sensor Heater Sense Circuit Range/Performance
P2223	NOX Sensor Heater Sense Circuit Low
P2224	NOX Sensor Heater Sense Circuit High
P2225	NOX Sensor Heater Sense Circuit Intermittent
P2226	Barometric Pressure Sensor "A" Circuit

P2227	Barometric Pressure Sensor "A" Circuit Range/Performance
P2228	Barometric Pressure Sensor "A" Circuit Low
P2229	Barometric Pressure Sensor "A" Circuit High
P222A	Barometric Pressure Sensor "B" Circuit
P222B	Barometric Pressure Sensor "B" Circuit Range/Performance
P222C	Barometric Pressure Sensor "B" Circuit Low
P222D	Barometric Pressure Sensor "B" Circuit High
P222E	Barometric Pressure Sensor "B" Circuit Intermittent/Erratic
P222F	Barometric Pressure Sensor "A"/"B" Correlation
P2230	Barometric Pressure Sensor "A" Circuit Intermittent/Erratic
P2231	O2 Sensor Signal Circuit Shorted to Heater Circuit
P2232	O2 Sensor Signal Circuit Shorted to Heater Circuit
P2233	O2 Sensor Signal Circuit Shorted to Heater Circuit
P2234	O2 Sensor Signal Circuit Shorted to Heater Circuit
P2235	O2 Sensor Signal Circuit Shorted to Heater Circuit
P2236	O2 Sensor Signal Circuit Shorted to Heater Circuit
P2237	O2 Sensor Positive Current Control Circuit/Open
P2238	O2 Sensor Positive Current Control Circuit Low
P2239	O2 Sensor Positive Current Control Circuit High
P2240	O2 Sensor Positive Current Control Circuit/Open
P2241	O2 Sensor Positive Current Control Circuit Low
P2242	O2 Sensor Positive Current Control Circuit High
P2243	O2 Sensor Reference Voltage Circuit/Open
P2244	O2 Sensor Reference Voltage Performance
P2245	O2 Sensor Reference Voltage Circuit Low

P2246	O2 Sensor Reference Voltage Circuit High
P2247	O2 Sensor Reference Voltage Circuit/Open
P2248	O2 Sensor Reference Voltage Performance
P2249	O2 Sensor Reference Voltage Circuit Low
P2250	O2 Sensor Reference Voltage Circuit High
P2251	O2 Sensor Negative Current Control Circuit/Open
P2252	O2 Sensor Negative Current Control Circuit Low
P2253	O2 Sensor Negative Current Control Circuit High
P2254	O2 Sensor Negative Current Control Circuit/Open
P2255	O2 Sensor Negative Current Control Circuit Low
P2256	O2 Sensor Negative Current Control Circuit High
P2257	Secondary Air Injection System Control "A" Circuit Low
P2258	Secondary Air Injection System Control "A" Circuit High
P2259	Secondary Air Injection System Control "B" Circuit Low
P2260	Secondary Air Injection System Control "B" Circuit High
P2261	Turbocharger/Supercharger Bypass Valve - Mechanical
P2262	Turbocharger/Supercharger Boost Pressure not Detected -
P2263	Turbocharger/Supercharger Boost System Performance
P2264	Water in Fuel Sensor Circuit
P2265	Water in Fuel Sensor Circuit Range/Performance
P2266	Water in Fuel Sensor Circuit Low
P2267	Water in Fuel Sensor Circuit High
P2268	Water in Fuel Sensor Circuit Intermittent
P2269	Water in Fuel Condition
P226A	Water in Fuel Lamp Control Circuit
P226B	Turbocharger/Supercharger Boost Pressure Too High - Mechanical

P2270	O2 Sensor Signal Biased/Stuck Lean
P2271	O2 Sensor Signal Biased/Stuck Rich
P2272	O2 Sensor Signal Biased/Stuck Lean
P2273	O2 Sensor Signal Biased/Stuck Rich
P2274	O2 Sensor Signal Biased/Stuck Lean
P2275	O2 Sensor Signal Biased/Stuck Rich
P2276	O2 Sensor Signal Biased/Stuck Lean
P2277	O2 Sensor Signal Biased/Stuck Rich
P2278	O2 Sensor Signals Swapped Bank 1 Sensor 3/Bank 2 Sensor 3
P2279	Intake Air System Leak
P2280	Air Flow Restriction/Air Leak Between Air Filter and MAF
P2281	Air Leak Between MAF and Throttle Body
P2282	Air Leak Between Throttle Body and Intake Valves
P2283	Injector Control Pressure Sensor Circuit
P2284	Injector Control Pressure Sensor Circuit Range/Performance
P2285	Injector Control Pressure Sensor Circuit Low
P2286	Injector Control Pressure Sensor Circuit High
P2287	Injector Control Pressure Sensor Circuit Intermittent
P2288	Injector Control Pressure Too High
P2289	Injector Control Pressure Too High - Engine Off
P228A	Fuel Pressure Regulator 1 - Forced Engine Shutdown
P228B	Fuel Pressure Regulator 2 - Forced Engine Shutdown
P228C	Fuel Pressure Regulator 1 Exceeded Control Limits - Pressure Too
P228D	Fuel Pressure Regulator 1 Exceeded Control Limits - Pressure Too

P228E	Fuel Pressure Regulator 1 Exceeded Learning Limits - Too Low
P228F	Fuel Pressure Regulator 1 Exceeded Learning Limits - Too High
P2290	Injector Control Pressure Too Low
P2291	Injector Control Pressure Too Low - Engine Cranking
P2292	Injector Control Pressure Erratic
P2293	Fuel Pressure Regulator 2 Performance
P2294	Fuel Pressure Regulator 2 Control Circuit/Open
P2295	Fuel Pressure Regulator 2 Control Circuit Low
P2296	Fuel Pressure Regulator 2 Control Circuit High
P2297	O2 Sensor Out of Range During Deceleration
P2298	O2 Sensor Out of Range During Deceleration
P2299	Brake Pedal Position/Accelerator Pedal Position Incompatible
P229A	Fuel Pressure Regulator 2 Exceeded Control Limits - Pressure Too
P229B	Fuel Pressure Regulator 2 Exceeded Control Limits - Pressure Too
P229C	Fuel Pressure Regulator 2 Exceeded Learning Limits - Too Low
P229D	Fuel Pressure Regulator 2 Exceeded Learning Limits - Too High

Code	Definition
P2300	Ignition Coil "A" Primary Control Circuit Low
P2301	Ignition Coil "A" Primary Control Circuit High
P2302	Ignition Coil "A" Secondary Circuit
P2303	Ignition Coil "B" Primary Control Circuit Low
P2304	Ignition Coil "B" Primary Control Circuit High
P2305	Ignition Coil "B" Secondary Circuit
P2306	Ignition Coil "C" Primary Control Circuit Low
P2307	Ignition Coil "C" Primary Control Circuit High
P2308	Ignition Coil "C" Secondary Circuit
P2309	Ignition Coil "D" Primary Control Circuit Low
P2310	Ignition Coil "D" Primary Control Circuit High
P2311	Ignition Coil "D" Secondary Circuit
P2312	Ignition Coil "E" Primary Control Circuit Low
P2313	Ignition Coil "E" Primary Control Circuit High
P2314	Ignition Coil "E" Secondary Circuit
P2315	Ignition Coil "F" Primary Control Circuit Low
P2316	Ignition Coil "F" Primary Control Circuit High
P2317	Ignition Coil "F" Secondary Circuit
P2318	Ignition Coil "G" Primary Control Circuit Low
P2319	Ignition Coil "G" Primary Control Circuit High
P2320	Ignition Coil "G" Secondary Circuit
P2321	Ignition Coil "H" Primary Control Circuit Low
P2322	Ignition Coil "H" Primary Control Circuit High
P2323	Ignition Coil "H" Secondary Circuit
P2324	Ignition Coil "I" Primary Control Circuit Low
P2325	Ignition Coil "I" Primary Control Circuit High
P2326	Ignition Coil "I" Secondary Circuit

P2327	Ignition Coil "J" Primary Control Circuit Low
P2328	Ignition Coil "J" Primary Control Circuit High
P2329	Ignition Coil "J" Secondary Circuit
P2330	Ignition Coil "K" Primary Control Circuit Low
P2331	Ignition Coil "K" Primary Control Circuit High
P2332	Ignition Coil "K" Secondary Circuit
P2333	Ignition Coil "L" Primary Control Circuit Low
P2334	Ignition Coil "L" Primary Control Circuit High
P2335	Ignition Coil "L" Secondary Circuit
P2336	Cylinder 1 Above Knock Threshold
P2337	Cylinder 2 Above Knock Threshold
P2338	Cylinder 3 Above Knock Threshold
P2339	Cylinder 4 Above Knock Threshold
P2340	Cylinder 5 Above Knock Threshold
P2341	Cylinder 6 Above Knock Threshold
P2342	Cylinder 7 Above Knock Threshold
P2343	Cylinder 8 Above Knock Threshold
P2344	Cylinder 9 Above Knock Threshold
P2345	Cylinder 10 Above Knock Threshold
P2346	Cylinder 11 Above Knock Threshold
P2347	Cylinder 12 Above Knock Threshold

Code	Definition
P2400	Evaporative Emission System Leak Detection Pump Control
P2401	Evaporative Emission System Leak Detection Pump Control Circuit
P2402	Evaporative Emission System Leak Detection Pump Control Circuit
P2403	Evaporative Emission System Leak Detection Pump Sense
P2404	Evaporative Emission System Leak Detection Pump Sense Circuit
P2405	Evaporative Emission System Leak Detection Pump Sense Circuit
P2406	Evaporative Emission System Leak Detection Pump Sense Circuit
P2407	Evaporative Emission System Leak Detection Pump Sense Circuit
P2408	Fuel Cap Sensor/Switch Circuit
P2409	Fuel Cap Sensor/Switch Circuit Range/Performance
P240A	Evaporative Emission System Leak Detection Pump Heater Control
P240B	Evaporative Emission System Leak Detection Pump Heater Control
P240C	Evaporative Emission System Leak Detection Pump Heater Control
P2410	Fuel Cap Sensor/Switch Circuit Low
P2411	Fuel Cap Sensor/Switch Circuit High
P2412	Fuel Cap Sensor/Switch Circuit Intermittent/Erratic
P2413	Exhaust Gas Recirculation System Performance
P2414	O2 Sensor Exhaust Sample Error
P2415	O2 Sensor Exhaust Sample Error

P2416	O2 Sensor Signals Swapped Bank 1 Sensor 2/Bank 1 Sensor 3
P2417	O2 Sensor Signals Swapped Bank 2 Sensor 2/Bank 2 Sensor 3
P2418	Evaporative Emission System Switching Valve Control Circuit/Open
P2419	Evaporative Emission System Switching Valve Control Circuit Low
P2420	Evaporative Emission System Switching Valve Control Circuit High
P2421	Evaporative Emission System Vent Valve Stuck Open
P2422	Evaporative Emission System Vent Valve Stuck Closed
P2423	HC Adsorption Catalyst Efficiency Below Threshold
P2424	HC Adsorption Catalyst Efficiency Below Threshold
P2425	Exhaust Gas Recirculation Cooling Valve Control Circuit/Open
P2426	Exhaust Gas Recirculation Cooling Valve Control Circuit Low
P2427	Exhaust Gas Recirculation Cooling Valve Control Circuit High
P2428	Exhaust Gas Temperature Too High
P2429	Exhaust Gas Temperature Too High
P242A	Exhaust Gas Temperature Sensor Circuit
P242B	Exhaust Gas Temperature Sensor Circuit Range/Performance
P242C	Exhaust Gas Temperature Sensor Circuit Low
P242D	Exhaust Gas Temperature Sensor Circuit High
P242E	Exhaust Gas Temperature Sensor Circuit Intermittent/Erratic
P242F	Diesel Particulate Filter Restriction - Ash Accumulation

P2430	Secondary Air Injection System Air Flow/Pressure Sensor Circuit
P2431	Secondary Air Injection System Air Flow/Pressure Sensor Circuit
P2432	Secondary Air Injection System Air Flow/Pressure Sensor Circuit
P2433	Secondary Air Injection System Air Flow/Pressure Sensor Circuit
P2434	Secondary Air Injection System Air Flow/Pressure Sensor Circuit
P2435	Secondary Air Injection System Air Flow/Pressure Sensor Circuit
P2436	Secondary Air Injection System Air Flow/Pressure Sensor Circuit
P2437	Secondary Air Injection System Air Flow/Pressure Sensor Circuit
P2438	Secondary Air Injection System Air Flow/Pressure Sensor Circuit
P2439	Secondary Air Injection System Air Flow/Pressure Sensor Circuit
P2440	Secondary Air Injection System Switching Valve Stuck Open
P2441	Secondary Air Injection System Switching Valve Stuck Closed
P2442	Secondary Air Injection System Switching Valve Stuck Open
P2443	Secondary Air Injection System Switching Valve Stuck Closed
P2444	Secondary Air Injection System Pump Stuck On
P2445	Secondary Air Injection System Pump Stuck Off

P2446	Secondary Air Injection System Pump Stuck On
P2447	Secondary Air Injection System Pump Stuck Off
P2448	Secondary Air Injection System High Air Flow
P2449	Secondary Air Injection System High Air Flow
P244A	Diesel Particulate Filter Differential Pressure Too Low
P244B	Diesel Particulate Filter Differential Pressure Too High
P244C	Exhaust Temperature Too Low For Particulate Filter Regeneration
P244D	Exhaust Temperature Too High For Particulate Filter Regeneration
P244E	Exhaust Temperature Too Low For Particulate Filter Regeneration
P244F	Exhaust Temperature Too High For Particulate Filter Regeneration
P2450	Evaporative Emission System Switching Valve Performance/Stuck
P2451	Evaporative Emission System Switching Valve Stuck Closed
P2452	Diesel Particulate Filter Pressure Sensor "A" Circuit
P2453	Diesel Particulate Filter Pressure Sensor "A" Circuit
P2454	Diesel Particulate Filter Pressure Sensor "A" Circuit Low
P2455	Diesel Particulate Filter Pressure Sensor "A" Circuit High
P2456	Diesel Particulate Filter Pressure Sensor "A" Circuit
P2457	Exhaust Gas Recirculation Cooling System Performance
P2458	Diesel Particulate Filter Regeneration Duration
P2459	Diesel Particulate Filter Regeneration Frequency
P245A	Exhaust Gas Recirculation Cooler Bypass Control Circuit/Open
P245B	Exhaust Gas Recirculation Cooler Bypass Control Circuit

P245C	Exhaust Gas Recirculation Cooler Bypass Control Circuit Low
P245D	Exhaust Gas Recirculation Cooler Bypass Control Circuit High
P245E	Diesel Particulate Filter Pressure Sensor "B" Circuit
P245F	Diesel Particulate Filter Pressure Sensor "B" Circuit
P2460	Diesel Particulate Filter Pressure Sensor "B" Circuit Low
P2461	Diesel Particulate Filter Pressure Sensor "B" Circuit High
P2462	Diesel Particulate Filter Pressure Sensor "B" Circuit
P2463	Diesel Particulate Filter Restriction - Soot Accumulation
P2464	Diesel Particulate Filter Differential Pressure Too Low
P2465	Diesel Particulate Filter Differential Pressure Too High
P2466	Exhaust Gas Temperature Sensor Circuit
P2467	Exhaust Gas Temperature Sensor Circuit Range/Performance
P2468	Exhaust Gas Temperature Sensor Circuit Low
P2469	Exhaust Gas Temperature Sensor Circuit High
P246A	Exhaust Gas Temperature Sensor Circuit Intermittent/Erratic
P246B	Vehicle Conditions Incorrect for Diesel Particulate Filter
P246C	Diesel Particulate Filter Restriction - Forced Limited Power
P246D	Diesel Particulate Filter Pressure Sensor "A"/"B" Correlation
P246E	Exhaust Gas Temperature Sensor Circuit
P246F	Exhaust Gas Temperature Sensor Circuit Range/Performance
P2470	Exhaust Gas Temperature Sensor Circuit Low
P2471	Exhaust Gas Temperature Sensor Circuit High

P2472	Exhaust Gas Temperature Sensor Circuit Intermittent/Erratic
P2473	Exhaust Gas Temperature Sensor Circuit
P2474	Exhaust Gas Temperature Sensor Circuit Range/Performance
P2475	Exhaust Gas Temperature Sensor Circuit Low
P2476	Exhaust Gas Temperature Sensor Circuit High
P2477	Exhaust Gas Temperature Sensor Circuit Intermittent/Erratic
P2478	Exhaust Gas Temperature Out of Range
P2479	Exhaust Gas Temperature Out of Range
P247A	Exhaust Gas Temperature Out of Range
P247B	Exhaust Gas Temperature Out of Range
P247C	Exhaust Gas Temperature Out of Range
P247D	Exhaust Gas Temperature Out of Range
P247E	Exhaust Gas Temperature Out of Range
P247F	Exhaust Gas Temperature Out of Range
P2480	Exhaust Gas Temperature Sensor Circuit/Open
P2481	Exhaust Gas Temperature Sensor Circuit Low
P2482	Exhaust Gas Temperature Sensor Circuit High
P2483	Exhaust Gas Temperature Sensor Circuit Range/Performance
P2484	Exhaust Gas Temperature Sensor Circuit Intermittent/Erratic
P2485	Exhaust Gas Temperature Sensor Circuit/Open
P2486	Exhaust Gas Temperature Sensor Circuit Low
P2487	Exhaust Gas Temperature Sensor Circuit High
P2488	Exhaust Gas Temperature Sensor Circuit Range/Performance

P2489

Exhaust Gas Temperature Sensor Circuit  
Intermittent/Erratic

Code	Definition
P2500	Generator Lamp/L-Terminal Circuit Low
P2501	Generator Lamp/L-Terminal Circuit High
P2502	Charging System Voltage
P2503	Charging System Voltage Low
P2504	Charging System Voltage High
P2505	ECM/PCM Power Input Signal
P2506	ECM/PCM Power Input Signal Range/Performance
P2507	ECM/PCM Power Input Signal Low
P2508	ECM/PCM Power Input Signal High
P2509	ECM/PCM Power Input Signal Intermittent
P250A	Engine Oil Level Sensor Circuit
P250B	Engine Oil Level Sensor Circuit Range/Performance
P250C	Engine Oil Level Sensor Circuit Low
P250D	Engine Oil Level Sensor Circuit High
P250E	Engine Oil Level Sensor Circuit Intermittent/Erratic
P250F	Engine Oil Level Too Low
P2510	ECM/PCM Power Relay Sense Circuit Range/Performance
P2511	ECM/PCM Power Relay Sense Circuit Intermittent
P2512	Event Data Recorder Request Circuit/ Open
P2513	Event Data Recorder Request Circuit Low
P2514	Event Data Recorder Request Circuit High
P2515	A/C Refrigerant Pressure Sensor "B" Circuit
P2516	A/C Refrigerant Pressure Sensor "B" Circuit Range/Performance
P2517	A/C Refrigerant Pressure Sensor "B" Circuit Low
P2518	A/C Refrigerant Pressure Sensor "B" Circuit High
P2519	A/C Request "A" Circuit

P251A	PTO Enable Switch Circuit/Open
P251B	PTO Enable Switch Circuit Low
P251C	PTO Enable Switch Circuit High
P251D	PTO Engine Shutdown Circuit/Open
P251E	PTO Engine Shutdown Circuit Low
P251F	PTO Engine Shutdown Circuit High
P2520	A/C Request "A" Circuit Low
P2521	A/C Request "A" Circuit High
P2522	A/C Request "B" Circuit
P2523	A/C Request "B" Circuit Low
P2524	A/C Request "B" Circuit High
P2525	Vacuum Reservoir Pressure Sensor Circuit
P2526	Vacuum Reservoir Pressure Sensor Circuit Range/Performance
P2527	Vacuum Reservoir Pressure Sensor Circuit Low
P2528	Vacuum Reservoir Pressure Sensor Circuit High
P2529	Vacuum Reservoir Pressure Sensor Circuit Intermittent
P252A	Engine Oil Quality Sensor Circuit
P252B	Engine Oil Quality Sensor Circuit Range/Performance
P252C	Engine Oil Quality Sensor Circuit Low
P252D	Engine Oil Quality Sensor Circuit High
P252E	Engine Oil Quality Circuit Intermittent/Erratic
P252F	Engine Oil Level Too High
P2530	Ignition Switch Run Position Circuit
P2531	Ignition Switch Run Position Circuit Low
P2532	Ignition Switch Run Position Circuit High
P2533	Ignition Switch Run/Start Position Circuit

P2534	Ignition Switch Run/Start Position Circuit Low
P2535	Ignition Switch Run/Start Position Circuit High
P2536	Ignition Switch Accessory Position Circuit
P2537	Ignition Switch Accessory Position Circuit Low
P2538	Ignition Switch Accessory Position Circuit High
P2539	Low Pressure Fuel System Sensor Circuit
P253A	PTO Sense Circuit/Open
P253B	PTO Sense Circuit Range/Performance
P253C	PTO Sense Circuit Low
P253D	PTO Sense Circuit High
P253E	PTO Sense Circuit Intermittent/Erratic
P253F	Engine Oil Deteriorated
P2540	Low Pressure Fuel System Sensor Circuit Range/Performance
P2541	Low Pressure Fuel System Sensor Circuit Low
P2542	Low Pressure Fuel System Sensor Circuit High
P2543	Low Pressure Fuel System Sensor Circuit Intermittent
P2544	Torque Management Request Input Signal "A"
P2545	Torque Management Request Input Signal "A" Range/Performance
P2546	Torque Management Request Input Signal "A" Low
P2547	Torque Management Request Input Signal "A" High
P2548	Torque Management Request Input Signal "B"
P2549	Torque Management Request Input Signal "B" Range/Performance
P254A	PTO Speed Selector Sensor/Switch 1 Circuit/Open
P254B	PTO Speed Selector Sensor/Switch 1 Range/Performance
P254C	PTO Speed Selector Sensor/Switch 1 Circuit Low
P254D	PTO Speed Selector Sensor/Switch 1 Circuit High

P254E	PTO Speed Selector Sensor/Switch 1 Circuit Intermittent/Erratic
P254F	Engine Hood Switch Circuit
P2550	Torque Management Request Input Signal "B" Low
P2551	Torque Management Request Input Signal "B" High
P2552	Throttle/Fuel Inhibit Circuit
P2553	Throttle/Fuel Inhibit Circuit Range/Performance
P2554	Throttle/Fuel Inhibit Circuit Low
P2555	Throttle/Fuel Inhibit Circuit High
P2556	Engine Coolant Level Sensor/Switch Circuit
P2557	Engine Coolant Level Sensor/Switch Circuit Range/Performance
P2558	Engine Coolant Level Sensor/Switch Circuit Low
P2559	Engine Coolant Level Sensor/Switch Circuit High
P255A	PTO Speed Selector Sensor/Switch 2 Circuit/Open
P255B	PTO Speed Selector Sensor/Switch 2 Range/Performance
P255C	PTO Speed Selector Sensor/Switch 2 Circuit Low
P255D	PTO Speed Selector Sensor/Switch 2 Circuit High
P255E	PTO Speed Selector Sensor/Switch 2 Circuit Intermittent/Erratic
P255F	A/C Request "A" Circuit Range/Performance
P2560	Engine Coolant Level Low
P2561	A/C Control Module Requested MIL Illumination
P2562	Turbocharger Boost Control Position Sensor "A" Circuit
P2563	Turbocharger Boost Control Position Sensor "A" Circuit
P2564	Turbocharger Boost Control Position Sensor "A" Circuit Low
P2565	Turbocharger Boost Control Position Sensor "A" Circuit High

P2566	Turbocharger Boost Control Position Sensor "A" Circuit Intermittent
P2567	Direct Ozone Reduction Catalyst Temperature Sensor Circuit
P2568	Direct Ozone Reduction Catalyst Temperature Sensor Circuit
P2569	Direct Ozone Reduction Catalyst Temperature Sensor Circuit Low
P256A	Engine Idle Speed Selector Sensor/Switch Circuit/Open
P256B	Engine Idle Speed Selector Sensor/Switch Range/Performance
P256C	Engine Idle Speed Selector Sensor/Switch Circuit Low
P256D	Engine Idle Speed Selector Sensor/Switch Circuit High
P256E	Engine Idle Speed Selector Sensor/Switch Circuit
P256F	A/C Request "B" Circuit Range/Performance
P2570	Direct Ozone Reduction Catalyst Temperature Sensor Circuit High
P2571	Direct Ozone Reduction Catalyst Temperature Sensor Circuit
P2572	Direct Ozone Reduction Catalyst Deterioration Sensor Circuit
P2573	Direct Ozone Reduction Catalyst Deterioration Sensor Circuit
P2574	Direct Ozone Reduction Catalyst Deterioration Sensor Circuit Low
P2575	Direct Ozone Reduction Catalyst Deterioration Sensor Circuit High
P2576	Direct Ozone Reduction Catalyst Deterioration Sensor Circuit

P2577	Direct Ozone Reduction Catalyst Efficiency Below Threshold
P2578	Turbocharger Speed Sensor Circuit
P2579	Turbocharger Speed Sensor Circuit Range/Performance
P257A	Vacuum Reservoir Control Circuit/Open
P257B	Vacuum Reservoir Control Circuit Low
P257C	Vacuum Reservoir Control Circuit High
P257D	Engine Hood Switch Circuit Range/Performance
P257E	Engine Hood Switch Circuit Low
P257F	Engine Hood Switch Circuit High
P2580	Turbocharger Speed Sensor Circuit Low
P2581	Turbocharger Speed Sensor Circuit High
P2582	Turbocharger Speed Sensor Circuit Intermittent
P2583	Cruise Control Front Distance Range Sensor
P2584	Fuel Additive Control Module Requested MIL Illumination
P2585	Fuel Additive Control Module Warning Lamp Request
P2586	Turbocharger Boost Control Position Sensor "B" Circuit
P2587	Turbocharger Boost Control Position Sensor "B" Circuit
P2588	Turbocharger Boost Control Position Sensor "B" Circuit Low
P2589	Turbocharger Boost Control Position Sensor "B" Circuit High
P258A	Vacuum Pump Control Circuit/Open
P258B	Vacuum Pump Control Range/Performance
P258C	Vacuum Pump Control Circuit Low
P258D	Vacuum Pump Control Circuit High
P258E	PTO Enable Switch Performance
P258F	Torque Management Request Output Signal
P2590	Turbocharger Boost Control Position Sensor "B" Circuit

P2591	Cruise Control Front Distance Range Sensor
P2592	Cruise Control Front Distance Range Sensor

Code	Definition
P2600	Coolant Pump "A" Control Circuit/Open
P2601	Coolant Pump "A" Control Circuit Range/Performance
P2602	Coolant Pump "A" Control Circuit Low
P2603	Coolant Pump "A" Control Circuit High
P2604	Intake Air Heater "A" Circuit Range/Performance
P2605	Intake Air Heater "B" Circuit/Open
P2606	Intake Air Heater "B" Circuit Range/Performance
P2607	Intake Air Heater "B" Circuit Low
P2608	Intake Air Heater "B" Circuit High
P2609	Intake Air Heater System Performance
P260A	PTO Control Circuit/Open
P260B	PTO Control Circuit Low
P260C	PTO Control Circuit High
P260D	PTO Engaged Lamp Control Circuit
P260E	Diesel Particulate Filter Regeneration Lamp Control Circuit
P260F	Evaporative System Monitoring Processor Performance
P2610	ECM/PCM Internal Engine Off Timer Performance
P2611	A/C Refrigerant Distribution Valve Control Circuit/Open
P2612	A/C Refrigerant Distribution Valve Control Circuit Low
P2613	A/C Refrigerant Distribution Valve Control Circuit High
P2614	Camshaft Position Signal Output Circuit/Open
P2615	Camshaft Position Signal Output Circuit Low
P2616	Camshaft Position Signal Output Circuit High
P2617	Crankshaft Position Signal Output Circuit/Open
P2618	Crankshaft Position Signal Output Circuit Low
P2619	Crankshaft Position Signal Output Circuit High
P261A	Coolant Pump "B" Control Circuit/Open

P261B	Coolant Pump "B" Control Circuit Range/Performance
P261C	Coolant Pump "B" Control Circuit Low
P261D	Coolant Pump "B" Control Circuit High
P2620	Throttle Position Output Circuit/Open
P2621	Throttle Position Output Circuit Low
P2622	Throttle Position Output Circuit High
P2623	Injector Control Pressure Regulator Circuit/Open
P2624	Injector Control Pressure Regulator Circuit Low
P2625	Injector Control Pressure Regulator Circuit High
P2626	O2 Sensor Pumping Current Trim Circuit/Open
P2627	O2 Sensor Pumping Current Trim Circuit Low
P2628	O2 Sensor Pumping Current Trim Circuit High
P2629	O2 Sensor Pumping Current Trim Circuit/Open
P2630	O2 Sensor Pumping Current Trim Circuit Low
P2631	O2 Sensor Pumping Current Trim Circuit High
P2632	Fuel Pump "B" Control Circuit /Open
P2633	Fuel Pump "B" Control Circuit Low
P2634	Fuel Pump "B" Control Circuit High
P2635	Fuel Pump "A" Low Flow/Performance
P2636	Fuel Pump "B" Low Flow/Performance
P2637	Torque Management Feedback Signal "A"
P2638	Torque Management Feedback Signal "A" Range/Performance
P2639	Torque Management Feedback Signal "A" Low
P2640	Torque Management Feedback Signal "A" High
P2641	Torque Management Feedback Signal "B"
P2642	Torque Management Feedback Signal "B" Range/Performance

P2643	Torque Management Feedback Signal "B" Low
P2644	Torque Management Feedback Signal "B" High
P2645	"A" Rocker Arm Actuator Control Circuit/Open
P2646	"A" Rocker Arm Actuator System Performance/Stuck Off
P2647	"A" Rocker Arm Actuator System Stuck On
P2648	"A" Rocker Arm Actuator Control Circuit Low
P2649	"A" Rocker Arm Actuator Control Circuit High
P264A	"A" Rocker Arm Actuator Position Sensor Circuit
P264B	"A" Rocker Arm Actuator Position Sensor Circuit Range/Performance
P264C	"A" Rocker Arm Actuator Position Sensor Circuit Low
P264D	"A" Rocker Arm Actuator Position Sensor Circuit High
P264E	"A" Rocker Arm Actuator Position Sensor Circuit Intermittent/Erratic
P2650	"B" Rocker Arm Actuator Control Circuit/Open
P2651	"B" Rocker Arm Actuator System Performance/Stuck Off
P2652	"B" Rocker Arm Actuator System Stuck On
P2653	"B" Rocker Arm Actuator Control Circuit Low
P2654	"B" Rocker Arm Actuator Control Circuit High
P2655	"A" Rocker Arm Actuator Control Circuit/Open
P2656	"A" Rocker Arm Actuator System Performance/Stuck Off
P2657	"A" Rocker Arm Actuator System Stuck On
P2658	"A" Rocker Arm Actuator Control Circuit Low
P2659	"A" Rocker Arm Actuator Control Circuit High
P265A	"B" Rocker Arm Actuator Position Sensor Circuit
P265B	"B" Rocker Arm Actuator Position Sensor Circuit Range/Performance
P265C	"B" Rocker Arm Actuator Position Sensor Circuit Low
P265D	"B" Rocker Arm Actuator Position Sensor Circuit High

P265E	"B" Rocker Arm Actuator Position Sensor Circuit Intermittent/Erratic
P2660	"B" Rocker Arm Actuator Control Circuit/Open
P2661	"B" Rocker Arm Actuator System Performance/Stuck Off
P2662	"B" Rocker Arm Actuator System Stuck On
P2663	"B" Rocker Arm Actuator Control Circuit Low
P2664	"B" Rocker Arm Actuator Control Circuit High
P2665	Fuel Shutoff Valve "B" Control Circuit/Open
P2666	Fuel Shutoff Valve "B" Control Circuit Low
P2667	Fuel Shutoff Valve "B" Control Circuit High
P2668	Fuel Mode Indicator Lamp Control Circuit
P2669	Actuator Supply Voltage "B" Circuit /Open
P266A	"A" Rocker Arm Actuator Position Sensor Circuit
P266B	"A" Rocker Arm Actuator Position Sensor Circuit Range/Performance
P266C	"A" Rocker Arm Actuator Position Sensor Circuit Low
P266D	"A" Rocker Arm Actuator Position Sensor Circuit High
P266E	"A" Rocker Arm Actuator Position Sensor Circuit Intermittent/Erratic
P2670	Actuator Supply Voltage "B" Circuit Low
P2671	Actuator Supply Voltage "B" Circuit High
P2672	Injection Pump Timing Offset
P2673	Injection Pump Timing Calibration not Learned
P2674	Injection Pump Fuel Calibration not Learned
P2675	Air Cleaner Inlet Control Circuit/Open
P2676	Air Cleaner Inlet Control Circuit Low
P2677	Air Cleaner Inlet Control Circuit High
P2678	Coolant Degassing Valve Control Circuit/Open
P2679	Coolant Degassing Valve Control Circuit Low

P267A	"B" Rocker Arm Actuator Position Sensor Circuit
P267B	"B" Rocker Arm Actuator Position Sensor Circuit Range/Performance
P267C	"B" Rocker Arm Actuator Position Sensor Circuit Low
P267D	"B" Rocker Arm Actuator Position Sensor Circuit High
P267E	"B" Rocker Arm Actuator Position Sensor Circuit Intermittent/Erratic
P2680	Coolant Degassing Valve Control Circuit High
P2681	Engine Coolant Bypass Valve Control Circuit/Open
P2682	Engine Coolant Bypass Valve Control Circuit Low
P2683	Engine Coolant Bypass Valve Control Circuit High
P2684	Actuator Supply Voltage "C" Circuit/Open
P2685	Actuator Supply Voltage "C" Circuit Low
P2686	Actuator Supply Voltage "C" Circuit High
P2687	Fuel Supply Heater Control Circuit/Open
P2688	Fuel Supply Heater Control Circuit Low
P2689	Fuel Supply Heater Control Circuit High
P268A	Fuel Injector Calibration not Learned/Programmed
P268B	High Pressure Fuel Pump Calibration not Learned/Programmed
P268C	Cylinder 1 Injector Data Incompatible
P268D	Cylinder 2 Injector Data Incompatible
P268E	Cylinder 3 Injector Data Incompatible
P268F	Cylinder 4 Injector Data Incompatible
P2690	Cylinder 5 Injector Data Incompatible
P2691	Cylinder 6 Injector Data Incompatible
P2692	Cylinder 7 Injector Data Incompatible
P2693	Cylinder 8 Injector Data Incompatible
P2694	Cylinder 9 Injector Data Incompatible

P2695	Cylinder 10 Injector Data Incompatible
P2696	Injector Data Incompatible
P2697	Exhaust Aftertreatment Fuel Injector "A" Circuit/Open
P2698	Exhaust Aftertreatment Fuel Injector "A" Performance
P2699	Exhaust Aftertreatment Fuel Injector "A" Circuit Low
P269A	Exhaust Aftertreatment Fuel Injector "A" Circuit High
P269B	Exhaust Aftertreatment Glow Plug Control Circuit/Open
P269C	Exhaust Aftertreatment Glow Plug Control Performance
P269D	Exhaust Aftertreatment Glow Plug Control Circuit Low
P269E	Exhaust Aftertreatment Glow Plug Control Circuit High
P269F	Exhaust Aftertreatment Glow Plug Circuit/Open
P26A0	Exhaust Aftertreatment Glow Plug Performance
P26A1	Exhaust Aftertreatment Glow Plug Circuit Low
P26A2	Exhaust Aftertreatment Glow Plug Circuit High

Code	Definition
P2700	Transmission Friction Element "A" Apply Time Range/Performance
P2701	Transmission Friction Element "B" Apply Time Range/Performance
P2702	Transmission Friction Element "C" Apply Time Range/Performance
P2703	Transmission Friction Element "D" Apply Time Range/Performance
P2704	Transmission Friction Element "E" Apply Time Range/Performance
P2705	Transmission Friction Element "F" Apply Time Range/Performance
P2706	Shift Solenoid "F"
P2707	Shift Solenoid "F" Performance/Stuck Off
P2708	Shift Solenoid "F" Stuck On
P2709	Shift Solenoid "F" Electrical
P2710	Shift Solenoid "F" Intermittent
P2711	Unexpected Mechanical Gear Disengagement
P2712	Hydraulic Power Unit Leakage
P2713	Pressure Control Solenoid "D"
P2714	Pressure Control Solenoid "D" Performance/Stuck Off
P2715	Pressure Control Solenoid "D" Stuck On
P2716	Pressure Control Solenoid "D" Electrical
P2717	Pressure Control Solenoid "D" Intermittent
P2718	Pressure Control Solenoid "D" Control Circuit/Open
P2719	Pressure Control Solenoid "D" Control Circuit Range/Performance
P2720	Pressure Control Solenoid "D" Control Circuit Low

P2721	Pressure Control Solenoid "D" Control Circuit High
P2722	Pressure Control Solenoid "E"
P2723	Pressure Control Solenoid "E" Performance/Stuck Off
P2724	Pressure Control Solenoid "E" Stuck On
P2725	Pressure Control Solenoid "E" Electrical
P2726	Pressure Control Solenoid "E" Intermittent
P2727	Pressure Control Solenoid "E" Control Circuit/Open
P2728	Pressure Control Solenoid "E" Control Circuit Range/Performance
P2729	Pressure Control Solenoid "E" Control Circuit Low
P2730	Pressure Control Solenoid "E" Control Circuit High
P2731	Pressure Control Solenoid "F"
P2732	Pressure Control Solenoid "F" Performance/Stuck Off
P2733	Pressure Control Solenoid "F" Stuck On
P2734	Pressure Control Solenoid "F" Electrical
P2735	Pressure Control Solenoid "F" Intermittent
P2736	Pressure Control Solenoid "F" Control Circuit/Open
P2737	Pressure Control Solenoid "F" Control Circuit Range/Performance
P2738	Pressure Control Solenoid "F" Control Circuit Low
P2739	Pressure Control Solenoid "F" Control Circuit High
P273A	Transmission Friction Element "G" Apply Time Range/Performance
P273B	Transmission Friction Element "H" Apply Time Range/Performance
P2740	Transmission Fluid Temperature Sensor "B" Circuit
P2741	Transmission Fluid Temperature Sensor "B" Circuit
P2742	Transmission Fluid Temperature Sensor "B" Circuit Low

P2743	Transmission Fluid Temperature Sensor "B" Circuit High
P2744	Transmission Fluid Temperature Sensor "B" Circuit Intermittent
P2745	Intermediate Shaft Speed Sensor "B" Circuit
P2746	Intermediate Shaft Speed Sensor "B" Circuit Range/Performance
P2747	Intermediate Shaft Speed Sensor "B" Circuit no Signal
P2748	Intermediate Shaft Speed Sensor "B" Circuit Intermittent
P2749	Intermediate Shaft Speed Sensor "C" Circuit
P2750	Intermediate Shaft Speed Sensor "C" Circuit Range/Performance
P2751	Intermediate Shaft Speed Sensor "C" Circuit no Signal
P2752	Intermediate Shaft Speed Sensor "C" Circuit Intermittent
P2753	Transmission Fluid Cooler Control Circuit/Open
P2754	Transmission Fluid Cooler Control Circuit Low
P2755	Transmission Fluid Cooler Control Circuit High
P2756	Torque Converter Clutch Pressure Control Solenoid
P2757	Torque Converter Clutch Pressure Control Solenoid Control Circuit
P2758	Torque Converter Clutch Pressure Control Solenoid Control Circuit
P2759	Torque Converter Clutch Pressure Control Solenoid Control Circuit
P2760	Torque Converter Clutch Pressure Control Solenoid Control Circuit
P2761	Torque Converter Clutch Pressure Control Solenoid Control
P2762	Torque Converter Clutch Pressure Control Solenoid Control Circuit

P2763	Torque Converter Clutch Pressure Control Solenoid Control Circuit
P2764	Torque Converter Clutch Pressure Control Solenoid Control Circuit
P2765	Input/Turbine Speed Sensor "B" Circuit
P2766	Input/Turbine Speed Sensor "B" Circuit Range/Performance
P2767	Input/Turbine Speed Sensor "B" Circuit no Signal
P2768	Input/Turbine Speed Sensor "B" Circuit Intermittent
P2769	Torque Converter Clutch Circuit Low
P2770	Torque Converter Clutch Circuit High
P2771	Four Wheel Drive (4WD) Low Switch Circuit
P2772	Four Wheel Drive (4WD) Low Switch Circuit Range/Performance
P2773	Four Wheel Drive (4WD) Low Switch Circuit Low
P2774	Four Wheel Drive (4WD) Low Switch Circuit High
P2775	Upshift Switch Circuit Range/Performance
P2776	Upshift Switch Circuit Low
P2777	Upshift Switch Circuit High
P2778	Upshift Switch Circuit Intermittent/Erratic
P2779	Downshift Switch Circuit Range/Performance
P2780	Downshift Switch Circuit Low
P2781	Downshift Switch Circuit High
P2782	Downshift Switch Circuit Intermittent/Erratic
P2783	Torque Converter Temperature Too High
P2784	Input/Turbine Speed Sensor "A"/"B" Correlation
P2785	Clutch Actuator Temperature Too High
P2786	Gear Shift Actuator Temperature Too High
P2787	Clutch Temperature Too High

P2788	Auto Shift Manual Adaptive Learning at Limit
P2789	Clutch "A" Adaptive Learning at Limit
P278A	Kick Down Switch Circuit
P278B	Kick Down Switch Circuit Range/Performance
P278C	Kick Down Switch Circuit Low
P278D	Kick Down Switch Circuit High
P278E	Kick Down Switch Circuit Intermittent/Erratic
P278F	Clutch "B" Adaptive Learning at Limit
P2790	Gate Select Direction Circuit
P2791	Gate Select Direction Circuit Low
P2792	Gate Select Direction Circuit High
P2793	Gear Shift Direction Circuit
P2794	Gear Shift Direction Circuit Low
P2795	Gear Shift Direction Circuit High
P2796	AUXILIARY Transmission Fluid Pump Control Circuit/Open
P2797	AUXILIARY Transmission Fluid Pump Performance
P2798	AUXILIARY Transmission Fluid Pump Control Circuit Low
P2799	AUXILIARY Transmission Fluid Pump Control Circuit High
P279A	Transfer Case Gear High Incorrect Ratio
P279B	Transfer Case Gear Low Incorrect Ratio
P279C	Transfer Case Gear Neutral Incorrect Ratio
P279D	Four Wheel Drive (4WD) Range Signal Circuit
P279E	Four Wheel Drive (4WD) Range Signal Circuit Range/Performance
P279F	Four Wheel Drive (4WD) Range Signal Circuit Low
P27AO	Four Wheel Drive (4WD) Range Signal Circuit High

Code	Definition
P2800	Transmission Range Sensor "B" Circuit (PRNDL Input)
P2801	Transmission Range Sensor "B" Circuit Range/Performance
P2802	Transmission Range Sensor "B" Circuit Low
P2803	Transmission Range Sensor "B" Circuit High
P2804	Transmission Range Sensor "B" Circuit Intermittent
P2805	Transmission Range Sensor "A"/"B" Correlation
P2806	Transmission Range Sensor Alignment
P2807	Pressure Control Solenoid "G"
P2808	Pressure Control Solenoid "G" Performance/Stuck Off
P2809	Pressure Control Solenoid "G" Stuck On
P280A	Transmission Range Sensor "A" Circuit not Learned
P280B	Transmission Range Sensor "B" Circuit not Learned
P2810	Pressure Control Solenoid "G" Electrical
P2811	Pressure Control Solenoid "G" Intermittent
P2812	Pressure Control Solenoid "G" Control Circuit/Open
P2813	Pressure Control Solenoid "G" Control Circuit Range/Performance
P2814	Pressure Control Solenoid "G" Control Circuit Low
P2815	Pressure Control Solenoid "G" Control Circuit High
P2816	Pressure Control Solenoid "H"
P2817	Pressure Control Solenoid "H" Performance/Stuck Off
P2818	Pressure Control Solenoid "H" Stuck On
P2819	Pressure Control Solenoid "H" Electrical
P281A	Pressure Control Solenoid "H" Intermittent
P281B	Pressure Control Solenoid "H" Control Circuit/Open
P281C	Pressure Control Solenoid "H" Control Circuit Range/Performance

P281D	Pressure Control Solenoid "H" Control Circuit Low
P281E	Pressure Control Solenoid "H" Control Circuit High
P281F	Pressure Control Solenoid "J"
P2820	Pressure Control Solenoid "J" Performance/Stuck Off
P2821	Pressure Control Solenoid "J" Stuck On
P2822	Pressure Control Solenoid "J" Electrical
P2823	Pressure Control Solenoid "J" Intermittent
P2824	Pressure Control Solenoid "J" Control Circuit/Open
P2825	Pressure Control Solenoid "J" Control Circuit Range/Performance
P2826	Pressure Control Solenoid "J" Control Circuit Low
P2827	Pressure Control Solenoid "J" Control Circuit High
P2828	Pressure Control Solenoid "K"
P2829	Pressure Control Solenoid "K" Performance/Stuck Off
P282A	Pressure Control Solenoid "K" Stuck On
P282B	Pressure Control Solenoid "K" Electrical
P282C	Pressure Control Solenoid "K" Intermittent
P282D	Pressure Control Solenoid "K" Control Circuit/Open
P282E	Pressure Control Solenoid "K" Control Circuit Range/Performance
P282F	Pressure Control Solenoid "K" Control Circuit Low
P2830	Pressure Control Solenoid "K" Control Circuit High
P2831	Shift Fork "A" Position Circuit
P2832	Shift Fork "A" Position Circuit Range/Performance
P2833	Shift Fork "A" Position Circuit Low
P2834	Shift Fork "A" Position Circuit High
P2835	Shift Fork "A" Position Circuit Intermittent
P2836	Shift Fork "B" Position Circuit

P2837	Shift Fork "B" Position Circuit Range/Performance
P2838	Shift Fork "B" Position Circuit Low
P2839	Shift Fork "B" Position Circuit High
P283A	Shift Fork "B" Position Circuit Intermittent
P283B	Shift Fork "C" Position Circuit
P283C	Shift Fork "C" Position Circuit Range/Performance
P283D	Shift Fork "C" Position Circuit Low
P283E	Shift Fork "C" Position Circuit High
P283F	Shift Fork "C" Position Circuit Intermittent
P2840	Shift Fork "D" Position Circuit
P2841	Shift Fork "D" Position Circuit Range/Performance
P2842	Shift Fork "D" Position Circuit Low
P2843	Shift Fork "D" Position Circuit High
P2844	Shift Fork "D" Position Circuit Intermittent
P2845	Shift Fork "A" Position Sensor Incorrect Neutral Position Indicated
P2846	Shift Fork "B" Position Sensor Incorrect Neutral Position Indicated
P2847	Shift Fork "C" Position Sensor Incorrect Neutral Position Indicated
P2848	Shift Fork "D" Position Sensor Incorrect Neutral Position Indicated
P2849	Shift Fork "A" Stuck
P284A	Shift Fork "B" Stuck
P284B	Shift Fork "C" Stuck
P284C	Shift Fork "D" Stuck
P284D	Shift Fork "A" Unrequested Movement
P284E	Shift Fork "B" Unrequested Movement
P284F	Shift Fork "C" Unrequested Movement

P2850	Shift Fork "D" Unrequested Movement
P2851	Shift Fork Position Sensor "A"/"B" Correlation
P2852	Shift Fork Position Sensor "C"/"D" Correlation
P2853	Clutch "A" Pressure Discharge Performance
P2854	Clutch "B" Pressure Discharge Performance
P2855	Clutch "A" Pressure Charge Performance
P2856	Clutch "B" Pressure Charge Performance
P2857	Clutch "A" Pressure Engagement Performance
P2858	Clutch "B" Pressure Engagement Performance
P2859	Clutch "A" Pressure Disengagement Performance
P285A	Clutch "B" Pressure Disengagement Performance

Code	Definition
P2A00	O2 Sensor Circuit Range/Performance
P2A01	O2 Sensor Circuit Range/Performance
P2A02	O2 Sensor Circuit Range/Performance
P2A03	O2 Sensor Circuit Range/Performance
P2A04	O2 Sensor Circuit Range/Performance
P2A05	O2 Sensor Circuit Range/Performance
P2A06	O2 Sensor Negative Voltage
P2A07	O2 Sensor Negative Voltage
P2A08	O2 Sensor Negative Voltage
P2A09	O2 Sensor Negative Voltage
P2A10	O2 Sensor Negative Voltage
P2A11	O2 Sensor Negative Voltage
P2BA7	NOX Exceedance - Empty Reagent Tank
P2BA8	NOX Exceedance - Interruption of Reagent Dosing Activity
P2BA9	NOX Exceedance - Insufficient Reagent Quality
P2BAA	NOX Exceedance - Low Reagent Consumption
P2BAB	NOX Exceedance - Incorrect EGR Flow
P2BAC	NOX Exceedance - Deactivation of EGR
P2BAD	NOX Exceedance - Root Cause Unknown
P2BAE	NOX Exceedance - NOX control monitoring system
P2BA7	NOX Exceedance - Empty Reagent Tank
P2BA8	NOX Exceedance - Interruption of Reagent Dosing Activity
P2BA9	NOX Exceedance - Insufficient Reagent Quality
P2BAA	NOX Exceedance - Low Reagent Consumption
P2BAB	NOX Exceedance - Incorrect EGR Flow
P2BAC	NOX Exceedance - Deactivation of EGR
P2BAD	NOX Exceedance - Root Cause Unknown

P2BAE

NOX Exceedance - NOX control monitoring system

# P3XXX



Code	Definition
P3000	Manufacturer Controlled DTC Bank 1
P3003	Engine coolant heater relay 1, low output
P3008	Camshaft position (CMP) sensor - signal limit exceeded (VW)
P3019	Battery Block 9 Becomes Weak (Toyota)
P3100	Cylinder 1 High-Pressure Injector Low Side Circuit Open (BMW / MINI)
P316A	Engine Coolant Temperature Signal Stuck High (BMW)
P3190	Poor Engine Power (Toyota)
P3193	Fuel Run Out (Toyota)
P3200	Manufacturer Controlled DTC
P3300	Manufacturer Controlled DTC
P3400	Cylinder Deactivation System
P3401	Cylinder 1 Deactivation/Intake Valve Control Circuit/Open
P3402	Cylinder 1 Deactivation/Intake Valve Control Circuit Performance
P3403	Cylinder 1 Deactivation/Intake Valve Control Circuit Low
P3404	Cylinder 1 Deactivation/Intake Valve Control Circuit High
P3405	Cylinder 1 Exhaust Valve Control Circuit/Open
P3406	Cylinder 1 Exhaust Valve Control Circuit Performance
P3407	Cylinder 1 Exhaust Valve Control Circuit Low
P3408	Cylinder 1 Exhaust Valve Control Circuit High
P3409	Cylinder 2 Deactivation/Intake Valve Control Circuit/Open
P340A	ISO/SAE Reserved
P340B	ISO/SAE Reserved
P340C	ISO/SAE Reserved
P340D	ISO/SAE Reserved
P340E	ISO/SAE Reserved
P340F	ISO/SAE Reserved

P3410	Cylinder 2 Deactivation/Intake Valve Control Circuit Performance
P3411	Cylinder 2 Deactivation/Intake Valve Control Circuit Low
P3412	Cylinder 2 Deactivation/Intake Valve Control Circuit High
P3413	Cylinder 2 Exhaust Valve Control Circuit/Open
P3414	Cylinder 2 Exhaust Valve Control Circuit Performance
P3415	Cylinder 2 Exhaust Valve Control Circuit Low
P3416	Cylinder 2 Exhaust Valve Control Circuit High
P3417	Cylinder 3 Deactivation/Intake Valve Control Circuit/Open
P3418	Cylinder 3 Deactivation/Intake Valve Control Circuit Performance
P3419	Cylinder 3 Deactivation/Intake Valve Control Circuit Low
P341A	ISO/SAE Reserved
P341B	ISO/SAE Reserved
P341C	ISO/SAE Reserved
P341D	ISO/SAE Reserved
P341E	ISO/SAE Reserved
P341F	ISO/SAE Reserved
P3420	Cylinder 3 Deactivation/Intake Valve Control Circuit High
P3421	Cylinder 3 Exhaust Valve Control Circuit/Open
P3422	Cylinder 3 Exhaust Valve Control Circuit Performance
P3423	Cylinder 3 Exhaust Valve Control Circuit Low
P3424	Cylinder 3 Exhaust Valve Control Circuit High
P3425	Cylinder 4 Deactivation/Intake Valve Control Circuit/Open
P3426	Cylinder 4 Deactivation/Intake Valve Control Circuit Performance
P3427	Cylinder 4 Deactivation/Intake Valve Control Circuit Low
P3428	Cylinder 4 Deactivation/Intake Valve Control Circuit High
P3429	Cylinder 4 Exhaust Valve Control Circuit/Open
P342A	ISO/SAE Reserved
P342B	ISO/SAE Reserved

P342C	ISO/SAE Reserved
P342D	ISO/SAE Reserved
P342E	ISO/SAE Reserved
P342F	ISO/SAE Reserved
P3430	Cylinder 4 Exhaust Valve Control Circuit Performance
P3431	Cylinder 4 Exhaust Valve Control Circuit Low
P3432	Cylinder 4 Exhaust Valve Control Circuit High
P3433	Cylinder 5 Deactivation/Intake Valve Control Circuit/Open
P3434	Cylinder 5 Deactivation/Intake Valve Control Circuit Performance
P3435	Cylinder 5 Deactivation/Intake Valve Control Circuit Low
P3436	Cylinder 5 Deactivation/Intake Valve Control Circuit High
P3437	Cylinder 5 Exhaust Valve Control Circuit/Open
P3438	Cylinder 5 Exhaust Valve Control Circuit Performance
P3439	Cylinder 5 Exhaust Valve Control Circuit Low
P343A	ISO/SAE Reserved
P343B	ISO/SAE Reserved
P343C	ISO/SAE Reserved
P343D	ISO/SAE Reserved
P343E	ISO/SAE Reserved
P343F	ISO/SAE Reserved
P3440	Cylinder 5 Exhaust Valve Control Circuit High
P3441	Cylinder 6 Deactivation/Intake Valve Control Circuit/Open
P3442	Cylinder 6 Deactivation/Intake Valve Control Circuit Performance
P3443	Cylinder 6 Deactivation/Intake Valve Control Circuit Low
P3444	Cylinder 6 Deactivation/Intake Valve Control Circuit High
P3445	Cylinder 6 Exhaust Valve Control Circuit/Open
P3446	Cylinder 6 Exhaust Valve Control Circuit Performance
P3447	Cylinder 6 Exhaust Valve Control Circuit Low
P3448	Cylinder 6 Exhaust Valve Control Circuit High

P3449	Cylinder 7 Deactivation/Intake Valve Control Circuit/Open
P344A	ISO/SAE Reserved
P344B	ISO/SAE Reserved
P344C	ISO/SAE Reserved
P344D	ISO/SAE Reserved
P344E	ISO/SAE Reserved
P344F	ISO/SAE Reserved
P3450	Cylinder 7 Deactivation/Intake Valve Control Circuit Performance
P3451	Cylinder 7 Deactivation/Intake Valve Control Circuit Low
P3452	Cylinder 7 Deactivation/Intake Valve Control Circuit High
P3453	Cylinder 7 Exhaust Valve Control Circuit/Open
P3454	Cylinder 7 Exhaust Valve Control Circuit Performance
P3455	Cylinder 7 Exhaust Valve Control Circuit Low
P3456	Cylinder 7 Exhaust Valve Control Circuit High
P3457	Cylinder 8 Deactivation/Intake Valve Control Circuit/Open
P3458	Cylinder 8 Deactivation/Intake Valve Control Circuit Performance
P3459	Cylinder 8 Deactivation/Intake Valve Control Circuit Low
P345A	ISO/SAE Reserved
P345B	ISO/SAE Reserved
P345C	ISO/SAE Reserved
P345D	ISO/SAE Reserved
P345E	ISO/SAE Reserved
P345F	ISO/SAE Reserved
P3460	Cylinder 8 Deactivation/Intake Valve Control Circuit High
P3461	Cylinder 8 Exhaust Valve Control Circuit/Open
P3462	Cylinder 8 Exhaust Valve Control Circuit Performance
P3463	Cylinder 8 Exhaust Valve Control Circuit Low
P3464	Cylinder 8 Exhaust Valve Control Circuit High
P3465	Cylinder 9 Deactivation/Intake Valve Control Circuit/Open

P3466	Cylinder 9 Deactivation/Intake Valve Control Circuit Performance
P3467	Cylinder 9 Deactivation/Intake Valve Control Circuit Low
P3468	Cylinder 9 Deactivation/Intake Valve Control Circuit High
P3469	Cylinder 9 Exhaust Valve Control Circuit/Open
P346A	ISO/SAE Reserved
P346B	ISO/SAE Reserved
P346C	ISO/SAE Reserved
P346D	ISO/SAE Reserved
P346E	ISO/SAE Reserved
P346F	ISO/SAE Reserved
P3470	Cylinder 9 Exhaust Valve Control Circuit Performance
P3471	Cylinder 9 Exhaust Valve Control Circuit Low
P3472	Cylinder 9 Exhaust Valve Control Circuit High
P3473	Cylinder 10 Deactivation/Intake Valve Control Circuit/Open
P3474	Cylinder 10 Deactivation/Intake Valve Control Circuit Performance
P3475	Cylinder 10 Deactivation/Intake Valve Control Circuit Low
P3476	Cylinder 10 Deactivation/Intake Valve Control Circuit High
P3477	Cylinder 10 Exhaust Valve Control Circuit/Open
P3478	Cylinder 10 Exhaust Valve Control Circuit Performance
P3479	Cylinder 10 Exhaust Valve Control Circuit Low
P347A	ISO/SAE Reserved
P347B	ISO/SAE Reserved
P347C	ISO/SAE Reserved
P347D	ISO/SAE Reserved
P347E	ISO/SAE Reserved
P347F	ISO/SAE Reserved
P3480	Cylinder 10 Exhaust Valve Control Circuit High
P3481	Cylinder 11 Deactivation/Intake Valve Control Circuit/Open

P3482	Cylinder 11 Deactivation/Intake Valve Control Circuit Performance
P3483	Cylinder 11 Deactivation/Intake Valve Control Circuit Low
P3484	Cylinder 11 Deactivation/Intake Valve Control Circuit High
P3485	Cylinder 11 Exhaust Valve Control Circuit/Open
P3486	Cylinder 11 Exhaust Valve Control Circuit Performance
P3487	Cylinder 11 Exhaust Valve Control Circuit Low
P3488	Cylinder 11 Exhaust Valve Control Circuit High
P3489	Cylinder 12 Deactivation/Intake Valve Control Circuit/Open
P348A	ISO/SAE Reserved
P348B	ISO/SAE Reserved
P348C	ISO/SAE Reserved
P348D	ISO/SAE Reserved
P348E	ISO/SAE Reserved
P348F	ISO/SAE Reserved
P3490	Cylinder 12 Deactivation/Intake Valve Control Circuit Performance
P3491	Cylinder 12 Deactivation/Intake Valve Control Circuit Low
P3492	Cylinder 12 Deactivation/Intake Valve Control Circuit High
P3493	Cylinder 12 Exhaust Valve Control Circuit/Open
P3494	Cylinder 12 Exhaust Valve Control Circuit Performance
P3495	Cylinder 12 Exhaust Valve Control Circuit Low
P3496	Cylinder 12 Exhaust Valve Control Circuit High
P3497	Cylinder Deactivation System Bank 2
P3498	ISO/SAE Reserved
P3500	ISO/SAE Reserved
P3600	ISO/SAE Reserved
P3700	ISO/SAE Reserved
P3800	ISO/SAE Reserved
P3900	ISO/SAE Reserved
P3A00	ISO/SAE Reserved

P3B00	ISO/SAE Reserved
P3C00	ISO/SAE Reserved
P3D00	ISO/SAE Reserved
P3E00	ISO/SAE Reserved
P3F00	ISO/SAE Reserved

# BXXXXX



<b>Codes</b>	<b>Definition</b>
B0000	ISO/SAE Reserved / Vehicle speed information circuit malfunction (Chevy, GM)
B0001	Driver Frontal Stage 1 Deployment Control (Subfault)
B0002	Driver Frontal Stage 2 Deployment Control (Subfault)
B0003	Driver Frontal Stage 3 Deployment Control (Subfault)
B0004	Driver Knee Bolster Deployment Control (Subfault)
B0005	Collapsible Steering Column Deployment Control (Subfault)
B0006	ISO/SAE Reserved
B0007	ISO/SAE Reserved
B0008	ISO/SAE Reserved
B0009	ISO/SAE Reserved
B000A	ISO/SAE Reserved
B000B	ISO/SAE Reserved
B000C	ISO/SAE Reserved
B000D	ISO/SAE Reserved
B000E	ISO/SAE Reserved
B000F	ISO/SAE Reserved
B0010	Passenger Frontal Stage 1 Deployment Control (Subfault)
B0011	Passenger Frontal Stage 2 Deployment Control (Subfault)
B0012	Passenger Frontal Stage 3 Deployment Control (Subfault)
B0013	Passenger Knee Bolster Deployment Control (Subfault)
B0014	ISO/SAE Reserved
B0015	ISO/SAE Reserved
B0016	ISO/SAE Reserved
B0017	ISO/SAE Reserved
B0018	ISO/SAE Reserved
B0019	ISO/SAE Reserved
B001A	ISO/SAE Reserved
B001B	ISO/SAE Reserved

B001C	ISO/SAE Reserved
B001D	ISO/SAE Reserved
B001E	ISO/SAE Reserved
B001F	ISO/SAE Reserved
B0020	Left Side Airbag Deployment Control (Subfault)
B0021	Left Curtain Deployment Control 1 (Subfault)
B0022	Left Curtain Deployment Control 2 (Subfault)
B0023	ISO/SAE Reserved
B0024	ISO/SAE Reserved
B0025	ISO/SAE Reserved
B0026	ISO/SAE Reserved
B0027	ISO/SAE Reserved
B0028	Right Side Airbag Deployment Control (Subfault)
B0029	Right Curtain Deployment Control 1 (Subfault)
B002A	Right Curtain Deployment Control 2 (Subfault)
B002B	ISO/SAE Reserved
B002C	ISO/SAE Reserved
B002D	ISO/SAE Reserved
B002E	ISO/SAE Reserved
B002F	ISO/SAE Reserved
B0030	Second Row Left Side Airbag Deployment Control (Subfault)
B0031	Second Row Left Frontal Stage 1 Deployment Control (Subfault)
B0032	Second Row Left Frontal Stage 2 Deployment Control (Subfault)
B0033	Second Row Left Frontal Stage 3 Deployment Control (Subfault)
B0034	ISO/SAE Reserved
B0035	ISO/SAE Reserved
B0036	ISO/SAE Reserved

B0037	ISO/SAE Reserved
B0038	Second Row Right Side Airbag Deployment Control (Subfault)
B0039	Second Row Right Frontal Stage 1 Deployment Control (Subfault)
B003A	Second Row Right Frontal Stage 2 Deployment Control (Subfault)
B003B	Second Row Right Frontal Stage 3 Deployment Control (Subfault)
B003C	ISO/SAE Reserved
B003D	ISO/SAE Reserved
B003E	ISO/SAE Reserved
B003F	ISO/SAE Reserved
B0040	Third Row Left Side Airbag Deployment Control (Subfault)
B0041	Third Row Left Frontal Stage 1 Deployment Control (Subfault)
B0042	Third Row Left Frontal Stage 2 Deployment Control (Subfault)
B0043	Third Row Left Frontal Stage 3 Deployment Control (Subfault)
B0044	ISO/SAE Reserved
B0045	ISO/SAE Reserved
B0046	ISO/SAE Reserved
B0047	ISO/SAE Reserved
B0048	Third Row Right Side Airbag Deployment Control (Subfault)
B0049	Third Row Right Frontal Stage 1 Deployment Control (Subfault)
B004A	Third Row Right Frontal Stage 2 Deployment Control (Subfault)
B004B	Third Row Right Frontal Stage 3 Deployment Control (Subfault)

B004C	ISO/SAE Reserved
B004D	ISO/SAE Reserved
B004E	ISO/SAE Reserved
B004F	ISO/SAE Reserved
B0050	Driver Seatbelt Sensor (Subfault)
B0051	First Row Center Seatbelt Sensor (Subfault)
B0052	Passenger Seatbelt Sensor (Subfault)
B0053	Second Row Left Seatbelt Sensor (Subfault)
B0054	Second Row Center Seatbelt Sensor (Subfault)
B0055	Second Row Right Seatbelt Sensor (Subfault)
B0056	Third Row Left Seatbelt Sensor (Subfault)
B0057	Third Row Center Seatbelt Sensor (Subfault)
B0058	Third Row Right Seatbelt Sensor (Subfault)
B0059	ISO/SAE Reserved
B005A	ISO/SAE Reserved
B005B	ISO/SAE Reserved
B005C	ISO/SAE Reserved
B005D	ISO/SAE Reserved
B005E	ISO/SAE Reserved
B005F	ISO/SAE Reserved
B0060	Driver Seatbelt Tension Sensor (Subfault)
B0061	Passenger Seatbelt Tension Sensor (Subfault)
B0062	ISO/SAE Reserved
B0063	ISO/SAE Reserved
B0064	ISO/SAE Reserved
B0065	ISO/SAE Reserved
B0066	ISO/SAE Reserved
B0067	ISO/SAE Reserved
B0068	ISO/SAE Reserved
B0069	ISO/SAE Reserved

B006A	ISO/SAE Reserved
B006B	ISO/SAE Reserved
B006C	ISO/SAE Reserved
B006D	ISO/SAE Reserved
B006E	ISO/SAE Reserved
B006F	ISO/SAE Reserved
B0070	Driver Seatbelt Pretensioner "A" Deployment Control (Subfault)
B0071	First Row Center Seatbelt Pretensioner Deployment Control (Subfault)
B0072	Passenger Seatbelt Pretensioner "A" Deployment Control (Subfault)
B0073	Second Row Left Seatbelt Pretensioner Deployment Control (Subfault)
B0074	Second Row Center Seatbelt Pretensioner Deployment Control (Subfault)
B0075	Second Row Right Seatbelt Pretensioner Deployment Control (Subfault)
B0076	Third Row Left Seatbelt Pretensioner Deployment Control (Subfault)
B0077	Third Row Center Seatbelt Pretensioner Deployment Control (Subfault)
B0078	Third Row Right Seatbelt Pretensioner Deployment Control (Subfault)
B0079	Driver Seatbelt Pretensioner "B" Deployment Control (Subfault)
B007A	Passenger Seatbelt Pretensioner "B" Deployment Control (Subfault)
B007B	Second Row Left Seatbelt Pretensioner "B" Deployment Control (Subfault)
B007C	Second Row Right Seatbelt Pretensioner "B" Deployment Control (Subfault)

B007D	Second Row Center Seatbelt Pretensioner "B" Deployment Control (Subfault)
B007E	Driver Seatbelt Pretensioner "C" Deployment Control (Subfault)
B007F	Passenger Seatbelt Pretensioner "C" Deployment Control (Subfault)
B0080	Driver Seatbelt Load Limiter Deployment Control (Subfault)
B0081	First Row Center Seatbelt Load Limiter Deployment Control (Subfault)
B0082	Passenger Seatbelt Load Limiter Deployment Control (Subfault)
B0083	Second Row Left Seatbelt Load Limiter Deployment Control (Subfault)
B0084	Second Row Center Seatbelt Load Limiter Deployment Control (Subfault)
B0085	Second Row Right Seatbelt Load Limiter Deployment Control (Subfault)
B0086	Third Row Left Seatbelt Load Limiter Deployment Control (Subfault)
B0087	Third Row Center Seatbelt Load Limiter Deployment Control (Subfault)
B0088	Third Row Right Seatbelt Load Limiter Deployment Control (Subfault)
B0089	ISO/SAE Reserved
B008A	ISO/SAE Reserved
B008B	ISO/SAE Reserved
B008C	ISO/SAE Reserved
B008D	ISO/SAE Reserved
B008E	ISO/SAE Reserved
B008F	ISO/SAE Reserved
B0090	Left Frontal Restraints Sensor (Subfault)

B0091	Left Side Restraints Sensor 1 (Subfault)
B0092	Left Side Restraints Sensor 2 (Subfault)
B0093	Left Side Restraints Sensor 3 (Subfault)
B0094	Center Frontal Restraints Sensor (Subfault)
B0095	Right Frontal Restraints Sensor (Subfault)
B0096	Right Side Restraints Sensor 1 (Subfault)
B0097	Right Side Restraints Sensor 2 (Subfault)
B0098	Right Side Restraints Sensor 3 (Subfault)
B0099	Roll Over Sensor (Subfault)
B009A	Left Side Restraints Sensor 4 (Subfault)
B009B	Left Side Restraints Sensor 5 (Subfault)
B009C	Left Side Restraints Sensor 6 (Subfault)
B009D	Right Side Restraints Sensor 4 (Subfault)
B009E	Right Side Restraints Sensor 5 (Subfault)
B009F	Right Side Restraints Sensor 6 (Subfault)
B00A0	Occupant Classification System (Subfault)
B00A1	Occupant Position System (Subfault)
B00A2	ISO/SAE Reserved
B00A3	ISO/SAE Reserved
B00A4	ISO/SAE Reserved
B00A5	ISO/SAE Reserved
B00A6	ISO/SAE Reserved
B00A7	ISO/SAE Reserved
B00A8	ISO/SAE Reserved
B00A9	ISO/SAE Reserved
B00AA	ISO/SAE Reserved
B00AB	ISO/SAE Reserved
B00AC	ISO/SAE Reserved
B00AD	ISO/SAE Reserved
B00AE	ISO/SAE Reserved

B00AF	ISO/SAE Reserved
B00B0	Driver Seat Occupant Classification Sensor "A" (Subfault)
B00B1	Driver Seat Occupant Classification Sensor "B" (Subfault)
B00B2	Driver Seat Occupant Classification Sensor "C" (Subfault)
B00B3	Driver Seat Occupant Classification Sensor "D" (Subfault)
B00B4	Driver Seat Occupant Classification Sensor "E" (Subfault)
B00B5	Driver Seat Track Position Restraints Sensor (Subfault)
B00B6	Driver Seat Recline Position Restraints Sensor (Subfault)
B00B7	Driver Seat Occupant Position Sensor "A" (Subfault)
B00B8	Driver Seat Occupant Position Sensor "B" (Subfault)
B00B9	Driver Seat Occupant Position Sensor "C" (Subfault)
B00BA	Driver Seat Occupant Position Sensor "D" (Subfault)
B00BB	Driver Seat Occupant Position Sensor "E" (Subfault)
B00BC	ISO/SAE Reserved
B00BD	ISO/SAE Reserved
B00BE	ISO/SAE Reserved
B00BF	ISO/SAE Reserved
B00C0	Passenger Seat Occupant Classification Sensor "A" (Subfault)
B00C1	Passenger Seat Occupant Classification Sensor "B" (Subfault)
B00C2	Passenger Seat Occupant Classification Sensor "C" (Subfault)
B00C3	Passenger Seat Occupant Classification Sensor "D" (Subfault)
B00C4	Passenger Seat Occupant Classification Sensor "E" (Subfault)
B00C5	Passenger Seat Track Position Restraints Sensor (Subfault)
B00C6	Passenger Seat Recline Position Restraints Sensor (Subfault)
B00C7	Passenger Seat Occupant Position Sensor "A" (Subfault)

B00C8	Passenger Seat Occupant Position Sensor "B" (Subfault)
B00C9	Passenger Seat Occupant Position Sensor "C" (Subfault)
B00CA	Passenger Seat Occupant Position Sensor "D" (Subfault)
B00CB	Passenger Seat Occupant Position Sensor "E" (Subfault)
B00CC	ISO/SAE Reserved
B00CD	ISO/SAE Reserved
B00CE	ISO/SAE Reserved
B00CF	ISO/SAE Reserved
B00D0	Driver Seatbelt Indicator (Subfault)
B00D1	Passenger Seatbelt Indicator (Subfault)
B00D2	Restraint System Malfunction Indicator 1 (Subfault)
B00D3	Restraint System Malfunction Indicator 2 (Subfault)
B00D4	Restraint System Malfunction Audible Indicator (Subfault)
B00D5	Restraint System Passenger Disable Indicator (Subfault)
B00D6	ISO/SAE Reserved
B00D7	ISO/SAE Reserved
B00D8	ISO/SAE Reserved
B00D9	ISO/SAE Reserved
B00DA	ISO/SAE Reserved
B00DB	ISO/SAE Reserved
B00DC	ISO/SAE Reserved
B00DD	ISO/SAE Reserved
B00DE	ISO/SAE Reserved
B00DF	Passenger Restraints Disable Switch (Subfault)
B00E0	Third Row Left Seatbelt Pretensioner "B" Deployment Control (Subfault)
B00E1	Third Row Right Seatbelt Pretensioner "B" Deployment Control (Subfault)
B00E2	Third Row Center Seatbelt Pretensioner "B" Deployment Control (Subfault)

B00E3	Second Row Left Seatbelt Pretensioner "C" Deployment Control (Subfault)
B00E4	Second Row Right Seatbelt Pretensioner "C" Deployment Control (Subfault)
B00E5	Second Row Center Seatbelt Pretensioner "C" Deployment Control (Subfault)
B00E6	Third Row Right Seatbelt Pretensioner "C" Deployment Control (Subfault)
B00E7	Third Row Left Seatbelt Pretensioner "C" Deployment Control (Subfault)
B00E8	Third Row Center Seatbelt Pretensioner "C" Deployment Control (Subfault)
B00E9	ISO/SAE Reserved
B0101	Left Front Impact Sensor
B0500	Passenger Temperature Control "Warmer" Switch - Circuit Range/Performance

Code	Definition
B1000	Manufacturer Controlled DTC
B1039	Audio [+] output #2 (RF) circuit open
B1200	Climate Control Pushbutton Circuit Failure
B1201	Fuel Sender Circuit Failure
B1202	Fuel Sender Circuit Open
B1203	Fuel Sender Circuit Short To Battery
B1204	Fuel Sender Circuit Short To Ground
B1205	EIC Switch-1 Assembly Circuit Failure
B1206	EIC Switch-1 Assembly Circuit Open
B1207	EIC Switch-1 Assembly Circuit Short To Battery
B1208	EIC Switch-1 Assembly Circuit Short To Ground
B1209	EIC Switch-2 Assembly Circuit Failure
B1210	EIC Switch-2 Assembly Circuit Open
B1211	EIC Switch-2 Assembly Circuit Short To Battery
B1212	EIC Switch-2 Assembly Circuit Short To Ground
B1213	Anti-Theft Number of Programmed Keys Is Below Minimum
B1214	Running Board Lamp Circuit Failure
B1215	Running Board Lamp Circuit Short to Battery
B1216	Emergency & Road Side Assistance Switch Circuit Short to Ground
B1217	Horn Relay Coil Circuit Failure
B1218	Horn Relay Coil Circuit Short to Vbatt
B1219	Fuel Tank Pressure Sensor Circuit Failure
B1220	Fuel Tank Pressure Sensor Circuit Open
B1222	Fuel Temperature Sensor #1 Circuit Failure
B1223	Fuel Temperature Sensor #1 Circuit Open

B1224	Fuel Temperature Sensor #1 Circuit Short to Battery
B1225	Fuel Temperature Sensor #1 Circuit Short to Ground
B1226	Fuel Temperature Sensor #2 Circuit Failure
B1227	Fuel Temperature Sensor #2 Circuit Open
B1228	Fuel Temperature Sensor #2 Circuit Short to Battery
B1229	Fuel Temperature Sensor #2 Circuit Short to Ground
B1231	Longitudinal Acceleration Threshold Exceeded
B1232	See Manufacturer
B1233	Glass Break Sensor Failure
B1234	Mirror Switch Invalid Code
B1235	Window Feedback Failure
B1236	Window Feedback Loss of Signal
B1237	Window Feedback Out of Range
B1238	Over Temperature Fault
B1239	Air Flow Blend Door Driver Circuit Failure
B1240	Wiper Washer Rear Pump Relay Circuit Failure
B1241	Wiper Washer Rear Pump Relay Circuit Short to Battery
B1242	Air Flow Recirculation Door Driver Circuit Failure
B1243	Express Window Down Switch Circuit Short to Battery
B1244	Wiper Rear Motor Run Relay Circuit Failure
B1245	Wiper Rear Motor Run Relay Circuit Short to Battery
B1246	Dim Panel Potentiometer Switch Circuit Failure
B1247	Panel Dim Switch Circuit Open
B1248	Passenger's Seatback Autoglide Rearward Switch Circuit Short to Ground
B1249	Blend Door Failure
B1250	Air Temperature Internal Sensor Circuit Failure
B1251	Air Temperature Internal Sensor Circuit Open

B1252	Air Temperature Internal Sensor Circuit Short To Battery
B1253	Air Temperature Internal Sensor Circuit Short To Ground
B1254	Air Temperature External Sensor Circuit Failure
B1255	Air Temperature External Sensor Circuit Open
B1256	Air Temperature External Sensor Circuit Short To Battery
B1257	Air Temperature External Sensor Circuit Short To Ground
B1258	Solar Radiation Sensor Circuit Failure
B1259	Solar Radiation Sensor Circuit Open
B1260	Solar Radiation Sensor Circuit Short To Battery
B1261	Solar Radiation Sensor Circuit Short To Ground
B1262	Servo Motor Defrost Circuit Failure
B1263	Servo Motor Vent Circuit Failure
B1264	Servo Motor Foot Circuit Failure
B1265	Servo Motor Coolair Bypass Circuit Failure
B1266	Servo Motor Airintake Left Circuit Failure
B1267	Servo Motor Airintake Right Circuit Failure
B1268	Servo Motor Potentiometer Defrost Circuit Failure
B1269	Servo Motor Potentiometer Defrost Circuit Open
B1270	Servo Motor Potentiometer Defrost Circuit Short To Battery
B1271	Servo Motor Potentiometer Defrost Circuit Short To Ground
B1272	Servo Motor Potentiometer Vent Circuit Failure
B1273	Servo Motor Potentiometer Vent Circuit Open
B1274	Servo Motor Potentiometer Vent Circuit Short To Battery
B1275	Servo Motor Potentiometer Vent Circuit Short To Ground
B1276	Servo Motor Potentiometer Foot Circuit Failure
B1277	Servo Motor Potentiometer Foot Circuit Open

B1278	Servo Motor Potentiometer Foot Circuit Short To Battery
B1279	Servo Motor Potentiometer Foot Circuit Short To Ground
B1280	Servo Motor Potentiometer Coolair Circuit Failure
B1281	Servo Motor Potentiometer Coolair Circuit Open
B1282	Servo Motor Potentiometer Coolair Circuit Short To Battery
B1283	Servo Motor Potentiometer Coolair Circuit Short To Ground
B1284	Servo Motor Potentiometer Airintake Left Circuit Failure
B1285	Servo Motor Potentiometer Airintake Left Circuit Open
B1286	Servo Motor Potentiometer Airintake Left Circuit Short To Battery
B1287	Servo Motor Potentiometer Airintake Left Circuit Short To Ground
B1288	Servo Motor Potentiometer Airintake Right Circuit Failure
B1289	Servo Motor Potentiometer Airintake Right Circuit Open
B1290	Servo Motor Potentiometer Airintake Right Circuit Short To Battery
B1291	Servo Motor Potentiometer Airintake Right Circuit Short To Ground
B1292	Battery Power Relay Circuit Failure
B1293	Battery Power Relay Circuit Open
B1294	Battery Power Relay Circuit Short To Battery
B1295	Battery Power Relay Circuit Short To Ground
B1296	Power Supply Sensor Circuit Failure
B1297	Power Supply Sensor Circuit Open
B1298	Power Supply Sensor Circuit Short To Battery
B1299	Power Supply Sensor Circuit Short To Ground
B1300	Power Door Lock Circuit Failure
B1301	Power Door Lock Circuit Open
B1302	Accessory Delay Relay Coil Circuit Failure

B1303	Accessory Delay Relay Coil Circuit Open
B1304	Accessory Delay Relay Coil Circuit Short To Battery
B1305	Accessory Delay Relay Coil Circuit Short To Ground
B1306	Oil Level Switch Circuit Open
B1307	Oil Level Switch Circuit Short To Battery
B1308	Oil Level Switch Circuit Short To Ground
B1309	Power Door Lock Circuit Short To Ground
B1310	Power Door Unlock Circuit Failure
B1311	Power Door Unlock Circuit Open
B1312	Lamp Headlamp Input Circuit Short To Battery
B1313	Battery Saver Relay Coil Circuit Failure
B1314	Battery Saver Relay Coil Circuit Open
B1315	Battery Saver Relay Coil Circuit Short To Battery
B1316	Battery Saver Relay Coil Circuit Short To Ground
B1317	Battery Voltage High
B1318	Battery Voltage Low
B1319	Driver Door Ajar Circuit Failure
B1320	Driver Door Ajar Circuit Open
B1321	Driver Door Ajar Circuit Short To Battery
B1322	Driver Door Ajar Circuit Short To Ground
B1323	Door Ajar Lamp Circuit Failure
B1324	Door Ajar Lamp Circuit Open
B1325	Door Ajar Lamp Circuit Short To Battery
B1326	Door Ajar Lamp Circuit Short To Ground
B1327	Passenger Door Ajar Circuit Failure
B1328	Passenger Door Ajar Circuit Open
B1329	Passenger Door Ajar Circuit Short To Battery
B1330	Passenger Door Ajar Circuit Short To Ground

B1331	Decklid Ajar Rear Door Circuit Failure
B1332	Decklid Ajar Rear Door Circuit Open
B1333	Decklid Ajar Rear Door Circuit Short To Battery
B1334	Decklid Ajar Rear Door Circuit Short To Ground
B1335	Door Ajar RR Circuit Failure
B1336	Door Ajar RR Circuit Open
B1337	Door Ajar RR Circuit Short To Battery
B1338	Door Ajar RR Circuit Short To Ground
B1339	Chime Input Request Circuit Short To Battery
B1340	Chime Input Request Circuit Short To Ground
B1341	Power Door Unlock Circuit Short To Ground
B1342	ECU Is Defective
B1343	Heated Backlite Input Circuit Failure
B1344	Heated Backlite Input Circuit Open
B1345	Heated Backlite Input Circuit Short To Ground
B1346	Heated Backlite Input Circuit Short To Battery
B1347	Heated Backlite Relay Circuit Failure
B1348	Heated Backlite Relay Circuit Open
B1349	Heated Backlite Relay Short To Battery
B1350	Heated Backlite Relay Short To Ground
B1351	Ignition Key-In Circuit Short To Battery
B1352	Ignition Key-In Circuit Failure
B1353	Ignition Key-In Circuit Open
B1354	Ignition Key-In Circuit Short To Ground
B1355	Ignition Run Circuit Failure
B1356	Ignition Run Circuit Open
B1357	Ignition Run Circuit Short To Battery
B1358	Ignition Run Circuit Short To Ground

B1359	Ignition Run/Acc Circuit Failure
B1360	Ignition Run/Acc Circuit Open
B1361	Ignition Run/Acc Circuit Short To Battery
B1362	Ignition Run/Acc Circuit Short To Ground
B1363	Ignition Start Circuit Failure
B1364	Ignition Start Circuit Open
B1365	Ignition Start Circuit Short To Battery
B1366	Ignition Start Circuit Short To Ground
B1367	Ignition Tach Circuit Failure
B1368	Ignition Tach Circuit Open
B1369	Ignition Tach Circuit Short To Battery
B1370	Ignition Tach Circuit Short To Ground
B1371	Illuminated Entry Relay Circuit Failure
B1372	Illuminated Entry Relay Circuit Open
B1373	Illuminated Entry Relay Short To Battery
B1374	Illuminated Entry Relay Short To Ground
B1375	Oil Change Lamp Circuit Open
B1376	Oil Change Lamp Circuit Short To Battery
B1377	Oil Change Lamp Circuit Failure
B1378	Oil Change Lamp Circuit Short To Ground
B1379	Oil Change Reset Button Circuit Short To Ground
B1380	Oil Change Reset Button Circuit Failure
B1381	Oil Change Reset Button Circuit Open
B1382	Oil Change Reset Button Circuit Short To Battery
B1383	Oil Level Lamp Circuit Short To Battery
B1384	Oil Level Lamp Circuit Failure
B1385	Oil Level Lamp Circuit Open
B1386	Oil Level Lamp Circuit Short To Ground

B1387	Oil Temperature Sensor Circuit Open
B1388	Oil Temperature Sensor Circuit Short To Battery
B1389	Oil Temperature Sensor Circuit Failure
B1390	Oil Temperature Sensor Circuit Short To Ground
B1391	Oil Level Switch Circuit Failure
B1392	Power Door Memory Lock Relay Circuit Failure
B1393	Power Door Memory Lock Relay Circuit Open
B1394	Power Door Memory Lock Relay Circuit Short To Battery
B1395	Power Door Memory Lock Relay Circuit Short To Ground
B1396	Power Door Lock Circuit Short To Battery
B1397	Power Door Unlock Circuit Short To Battery
B1398	Driver Power Window One Touch Window Relay Circuit Failure
B1399	Driver Power Window One Touch Window Relay Circuit Open
B1400	Driver Power Window One Touch Window Relay Circuit Short To Battery
B1401	Driver Power Window One Touch Window Relay Circuit Short To Ground
B1402	Driver Power Window Down Switch Circuit Failure
B1403	Driver Power Window Up Switch Circuit Failure
B1404	Driver Power Window Down Circuit Open
B1405	Driver Power Window Down Circuit Short To Battery
B1406	Driver Power Window Down Circuit Short To Ground
B1407	Driver Power Window Up Circuit Open
B1408	Driver Power Window Up Circuit Short To Battery
B1409	Driver Power Window Up Circuit Short To Ground
B1410	Driver Power Window Motor Circuit Failure
B1411	Driver Power Window Motor Circuit Open

B1412	Driver Power Window Motor Circuit Short To Battery
B1413	Driver Power Window Motor Circuit Short To Ground
B1414	Power Window LR Motor Circuit Failure
B1415	Power Window LR Motor Circuit Open
B1416	Power Window LR Motor Circuit Short To Battery
B1417	Power Window LR Motor Circuit Short To Ground
B1418	Passenger Power Window Motor Circuit Failure
B1419	Passenger Power Window Motor Circuit Open
B1420	Passenger Power Window Motor Circuit Short To Battery
B1421	Passenger Power Window Motor Circuit Short To Ground
B1422	Power Window RR Motor Circuit Failure
B1423	Power Window RR Motor Circuit Open
B1424	Power Window RR Motor Circuit Short To Battery
B1425	Power Window RR Motor Circuit Short To Ground
B1426	Lamp Seat Belt Circuit Short To Battery
B1427	Lamp Seat Belt Circuit Open
B1428	Lamp Seat Belt Circuit Failure
B1429	Lamp Seat Belt Circuit Short To Ground
B1430	Seat Belt Switch Circuit Short To Ground
B1431	Wiper Brake/Run Relay Circuit Failure
B1432	Wiper Brake/Run Relay Circuit Short To Battery
B1433	Wiper Brake/Run Relay Circuit Short To Ground
B1434	Wiper Hi/Low Speed Relay Coil Circuit Failure
B1435	Wiper Hi/Low Speed Relay Coil Circuit Open
B1436	Wiper Hi/Low Speed Relay Coil Circuit Short To Battery
B1437	Wiper Hi/Low Speed Relay Coil Circuit Short To Ground
B1438	Wiper Mode Select Switch Circuit Failure
B1439	Wiper Mode Select Switch Circuit Open

B1440	Wiper Mode Select Switch Circuit Short To Battery
B1441	Wiper Mode Select Switch Circuit Short To Ground
B1442	Door Handle Switch Circuit Failure
B1443	Door Handle Switch Circuit Open
B1444	Door Handle Switch Circuit Short To Battery
B1445	Door Handle Switch Circuit Short To Ground
B1446	Wiper Park Sense Circuit Failure
B1447	Wiper Park Sense Circuit Open
B1448	Wiper Park Sense Circuit Short To Battery
B1449	Wiper Park Sense Circuit Short To Ground
B1450	Wiper Wash/Delay Switch Circuit Failure
B1451	Wiper Wash/Delay Switch Circuit Open
B1452	Wiper Wash/Delay Switch Circuit Short To Battery
B1453	Wiper Wash/Delay Switch Circuit Short To Ground
B1454	Wiper Washer Fluid Lamp Circuit Failure
B1455	Wiper Washer Fluid Lamp Circuit Open
B1456	Wiper Washer Fluid Lamp Circuit Short To Battery
B1457	Wiper Washer Fluid Lamp Circuit Short To Ground
B1458	Wiper Washer Pump Motor Relay Circuit Failure
B1459	Wiper Washer Pump Motor Relay Coil Circuit Open
B1460	Wiper Washer Pump Motor Relay Coil Circuit Short To Battery
B1461	Wiper Washer Pump Motor Relay Coil Circuit Short To Ground
B1462	Seat Belt Switch Circuit Failure
B1463	Seat Belt Switch Circuit Open
B1464	Seat Belt Switch Circuit Short To Battery
B1465	Wiper Brake/Run Relay Circuit Open

B1466	Wiper Hi/Low Speed Not Switching
B1467	Wiper Hi/Low Speed Circuit Motor Short To Battery
B1468	Chime Input Request Circuit Failure
B1469	Chime Input Request Circuit Open
B1470	Lamp Headlamp Input Circuit Failure
B1471	Lamp Headlamp Input Circuit Open
B1472	Lamp Headlamp Input Circuit Short To Ground
B1473	Wiper Low Speed Circuit Motor Failure
B1474	Battery Saver Power Relay Circuit Short To Battery
B1475	Accessory Delay Relay Contact Short To Battery
B1476	Wiper High Speed Circuit Motor Failure
B1477	Wiper Hi/Low Circuit Motor Short To Ground
B1478	Power Window One Touch Up/Down Activated Simultaneously
B1479	Wiper Washer Fluid Level Sensor Circuit Failure
B1480	Wiper Washer Fluid Level Sensor Circuit Open
B1481	Wiper Washer Fluid Level Sensor Circuit Short To Battery
B1482	Wiper Washer Fluid Level Sensor Circuit Short To Ground
B1483	Brake Pedal Input Circuit Failure
B1484	Brake Pedal Input Open Circuit
B1485	Brake Pedal Input Circuit Battery Short
B1486	Brake Pedal Input Circuit Ground Short
B1487	Door Handle Right Front Circuit Failure
B1488	Door Handle Right Front Circuit Open
B1489	Door Handle Right Front Short To Battery
B1490	Door Handle Right Front Short To Ground
B1491	Ignition Cylinder Sensor Circuit Failure
B1492	Ignition Cylinder Sensor Open Circuit

B1493	Ignition Cylinder Sensor Battery Short
B1494	Ignition Cylinder Sensor Ground Short
B1495	Decklid Punch-Out Sensor Circuit Failure
B1496	Decklid Punch-Out Sensor Open Circuit
B1497	Decklid Punch-Out Sensor Battery Short
B1498	Decklid Punch-Out Sensor Ground Short
B1499	Lamp Turn Signal Left Circuit Failure
B1500	Lamp Turn Signal Left Circuit Open
B1501	Lamp Turn Signal Left Circuit Short To Battery
B1502	Lamp Turn Signal Left Circuit Short To Ground
B1503	Lamp Turn Signal Right Circuit Failure
B1504	Lamp Turn Signal Right Circuit Open
B1505	Lamp Turn Signal Right Circuit Short To Battery
B1506	Lamp Turn Signal Right Circuit Short To Ground
B1507	Flash To Pass Switch Circuit Failure
B1508	Flash To Pass Switch Circuit Open
B1509	Flash To Pass Switch Circuit Short To Battery
B1510	Flash To Pass Switch Circuit Short To Ground
B1511	Driver Door Handle Circuit Failure
B1512	Driver Door Handle Circuit Open
B1513	Driver Door Handle Circuit Short To Battery
B1514	Driver Door Handle Circuit Short To Ground
B1515	Seat Driver Occupied Switch Circuit Failure
B1516	Seat Driver Occupied Switch Circuit Open
B1517	Seat Driver Occupied Switch Circuit Short To Battery
B1518	Seat Driver Occupied Switch Circuit Short To Ground
B1519	Hood Switch Circuit Failure
B1520	Hood Switch Circuit Open

B1521	Hood Switch Circuit Short To Battery
B1522	Hood Switch Circuit Short To Ground
B1523	Keyless Entry Circuit Failure
B1524	Keyless Entry Circuit Open
B1525	Keyless Entry Circuit Short To Battery
B1526	Keyless Entry Circuit Short To Ground
B1527	Memory Set Switch Circuit Failure
B1528	Memory Set Switch Circuit Open
B1529	Memory Set Switch Circuit Short To Battery
B1530	Memory Set Switch Circuit Short To Ground
B1531	Memory 1 Switch Circuit Failure
B1532	Memory 1 Switch Circuit Open
B1533	Memory 1 Switch Circuit Short To Battery
B1534	Memory 1 Switch Circuit Short To Ground
B1535	Memory 2 Switch Circuit Failure
B1536	Memory 2 Switch Circuit Open
B1537	Memory 2 Switch Circuit Short To Battery
B1538	Memory 2 Switch Circuit Short To Ground
B1539	Mirror Driver Switch Assembly Circuit Failure
B1540	Mirror Driver Switch Assembly Circuit Open
B1541	Mirror Driver Switch Assembly Circuit Short To Battery
B1542	Mirror Driver Switch Assembly Circuit Short To Ground
B1543	Seat Direction Switch Assembly Circuit Failure
B1544	Seat Direction Switch Assembly Circuit Open
B1545	Seat Direction Switch Assembly Circuit Short To Battery
B1546	Seat Direction Switch Assembly Circuit Short To Ground
B1547	Power Window Master Circuit Failure
B1548	Power Window Master Circuit Open

B1549	Power Window Master Circuit Short To Battery
B1550	Power Window Master Circuit Short To Ground
B1551	Decklid Release Circuit Failure
B1552	Decklid Release Circuit Open
B1553	Decklid Release Circuit Short To Battery
B1554	Decklid Release Circuit Short To Ground
B1555	Ignition Run/Start Circuit Failure
B1556	Ignition Run/Start Circuit Open
B1557	Ignition Run/Start Circuit Short To Battery
B1558	Ignition Run/Start Circuit Short To Ground
B1559	Door Lock Cylinder Circuit Failure
B1560	Door Lock Cylinder Circuit Open
B1561	Door Lock Cylinder Circuit Short To Battery
B1562	Door Lock Cylinder Circuit Short To Ground
B1563	Door Ajar Circuit Failure
B1564	Door Ajar Circuit Open
B1565	Door Ajar Circuit Short To Battery
B1566	Door Ajar Circuit Short To Ground
B1567	Lamp Headlamp High-Beam Circuit Failure
B1568	Lamp Headlamp High-Beam Circuit Open
B1569	Lamp Headlamp High-Beam Circuit Short To Battery
B1570	Lamp Headlamp High-Beam Circuit Short To Ground
B1571	Door Ajar LR Circuit Failure
B1572	Door Ajar LR Circuit Open
B1573	Door Ajar LR Circuit Short To Battery
B1574	Door Ajar LR Circuit Short To Ground
B1575	Lamp Park Input Circuit Failure
B1576	Lamp Park Input Circuit Open

B1577	Lamp Park Input Circuit Short To Battery
B1578	Lamp Park Input Circuit Short To Ground
B1579	Dim Panel Increase Input Circuit Failure
B1580	Dim Panel Increase Input Circuit Open
B1581	Dim Panel Increase Input Circuit Short To Battery
B1582	Dim Panel Increase Input Circuit Short To Ground
B1583	Dim Panel Decrease Input Circuit Failure
B1584	Dim Panel Decrease Input Circuit Open
B1585	Dim Panel Decrease Input Circuit Short To Battery
B1586	Dim Panel Decrease Input Circuit Short To Ground
B1587	Autolamp Delay Increase Circuit Failure
B1588	Autolamp Delay Increase Circuit Open
B1589	Autolamp Delay Increase Circuit Short To Battery
B1590	Autolamp Delay Increase Circuit Short To Ground
B1591	Autolamp Delay Decrease Circuit Failure
B1592	Autolamp Delay Decrease Circuit Open
B1593	Autolamp Delay Decrease Circuit Short To Battery
B1594	Autolamp Delay Decrease Circuit Short To Ground
B1595	Ignition Switch Illegal Input Code
B1596	Service Continuous Codes
B1597	Driver's Seat Seatback Autoglide Forward Switch Circuit Short to Ground
B1598	Driver's Seat Seatback Autoglide Rearward Switch Circuit Short to Ground
B1599	Passenger's Seatback Autoglide Forward Switch Circuit Short to Ground
B1600	PATS Ignition Key Transponder Signal Is Not Received
B1601	PATS Received Incorrect Key-Code From Ignition Key Transponder

B1602	PATS Received Invalid Format Of Key-Code From Ignition Key Transponder
B1603	Lamp Anti-Theft Indicator Circuit Failure
B1604	Lamp Anti-Theft Indicator Circuit Open
B1605	Lamp Anti-Theft Indicator Circuit Short To Battery
B1606	Lamp Anti-Theft Indicator Circuit Short To Ground
B1607	Illuminated Entry Input Circuit Failure
B1608	Illuminated Entry Input Open Circuit
B1609	Illuminated Entry Input Short Circuit To Battery
B1610	Illuminated Entry Input Short Circuit To Ground
B1611	Wiper Rear Mode Select Switch Circuit Failure
B1612	Wiper Rear Mode Select Switch Circuit Open
B1613	Wiper Rear Mode Select Switch Circuit Short To Battery
B1614	Wiper Rear Mode Select Switch Circuit Short To Ground
B1615	Wiper Rear Disable Switch Circuit Failure
B1616	Wiper Rear Disable Switch Circuit Open
B1617	Wiper Rear Disable Switch Circuit Short To Battery
B1618	Wiper Rear Disable Switch Circuit Short To Ground
B1619	Wiper Rear Low Limit Input Circuit Failure
B1620	Wiper Rear Low Limit Input Circuit Open
B1621	Wiper Rear Low Limit Input Circuit Short To Battery
B1622	Wiper Rear Low Limit Input Circuit Short To Ground
B1623	Lamp Keypad Output Circuit Failure
B1624	Lamp Keypad Output Open Circuit
B1625	Lamp Keypad Output Short Circuit To Battery
B1626	Lamp Keypad Output Short Circuit To Ground
B1627	PRNDL Reverse Input Circuit Failure
B1628	PRNDL Reverse Input Open Circuit

B1629	PRNDL Reverse Input Short To Battery
B1630	PRNDL Reverse Input Short Circuit To Ground
B1631	Mirror Driver Left Circuit Failure
B1632	Mirror Driver Left Circuit Open
B1633	Mirror Driver Left Circuit Short To Battery
B1634	Mirror Driver Left Circuit Short To Ground
B1635	Mirror Driver Right Circuit Failure
B1636	Mirror Driver Right Circuit Open
B1637	Mirror Driver Right Circuit Short To Battery
B1638	Mirror Driver Right Short To Ground
B1639	Mirror Passenger Left Circuit Failure
B1640	Mirror Passenger Left Circuit Open
B1641	Mirror Passenger Left Circuit Short To Battery
B1642	Mirror Passenger Left Circuit Short To Ground
B1643	Mirror Passenger Right Circuit Failure
B1644	Mirror Passenger Right Circuit Open
B1645	Mirror Passenger Right Circuit Short To Battery
B1646	Mirror Passenger Right Circuit Short To Ground
B1647	Seat Driver Recline Forward Circuit Failure
B1648	Seat Driver Recline Forward Circuit Open
B1649	Seat Driver Recline Forward Circuit Short To Battery
B1650	Seat Driver Recline Forward Circuit Short To Ground
B1651	Seat Driver Recline Backward Circuit Failure
B1652	Seat Driver Recline Backward Circuit Open
B1653	Seat Driver Recline Backward Circuit Short To Battery
B1654	Seat Driver Recline Backward Circuit Short To Ground
B1655	Seat Driver Rear Up Circuit Failure
B1656	Seat Driver Rear Up Circuit Open

B1657	Seat Driver Rear Up Circuit Short To Battery
B1658	Seat Driver Rear Up Circuit Short To Ground
B1659	Seat Driver Front Up Circuit Failure
B1660	Seat Driver Front Up Circuit Open
B1661	Seat Driver Front Up Circuit Short To Battery
B1662	Seat Driver Front Up Circuit Short To Ground
B1663	Seat Driver Front Up/Down Motor Stalled
B1664	Seat Driver Rear Up/Down Motor Stalled
B1665	Seat Driver Forward/Backward Motor Stalled
B1666	Seat Driver Recline Motor Stalled
B1667	Mirror Driver Up/Down Motor Stalled
B1668	Mirror Driver Right/Left Motor Stalled
B1669	Mirror Passenger Up/Down Motor Stalled
B1670	Mirror Passenger Right/Left Motor Stalled
B1671	Battery Module Voltage Out Of Range
B1672	Seat Driver Occupied Input Circuit Failure
B1673	Seat Driver Occupied Input Circuit Open
B1674	Seat Driver Occupied Input Circuit Short To Battery
B1675	Seat Driver Occupied Input Circuit Short To Ground
B1676	Battery Pack Voltage Out Of Range
B1677	Alarm Panic Input Circuit Failure
B1678	Alarm Panic Input Circuit Open
B1679	Alarm Panic Input Circuit Short To Battery
B1680	Alarm Panic Input Circuit Short To Ground
B1681	PATS Transceiver Module Signal Is Not Received
B1682	PATS Is Disabled (Check Link Between PATS And Transponder)
B1683	Mirror Driver/Passenger Switch Circuit Failure

B1684	Mirror Driver/Passenger Switch Circuit Open
B1685	Lamp Dome Input Circuit Failure
B1686	Lamp Dome Input Circuit Open
B1687	Lamp Dome Input Circuit Short To Battery
B1688	Lamp Dome Input Circuit Short To Ground
B1689	Autolamp Delay Circuit Failure
B1690	Autolamp Delay Circuit Open
B1691	Autolamp Delay Circuit Short To Battery
B1692	Autolamp Delay Circuit Short To Ground
B1693	Autolamp On Circuit Failure
B1694	Autolamp On Circuit Open
B1695	Autolamp On Circuit Short To Battery
B1696	Autolamp On Circuit Short To Ground
B1697	Mirror Driver/Passenger Switch Circuit Short To Battery
B1698	Mirror Driver/Passenger Switch Circuit Short To Ground
B1699	Passenger's Seat Occupied Switch Circuit Short to Ground
B1700	Passenger's Seatbelt Tension Reducer Circuit Short to Ground
B1701	Seat Driver Recline Forward Switch Circuit Failure
B1702	Seat Driver Recline Forward Switch Circuit Open
B1703	Seat Driver Recline Forward Switch Circuit Short To Battery
B1704	Seat Driver Recline Forward Switch Circuit Short To Ground
B1705	Seat Driver Recline Rearward Switch Circuit Failure
B1706	Seat Driver Recline Rearward Switch Circuit Open
B1707	Seat Driver Recline Rearward Switch Circuit Short To Battery
B1708	Seat Driver Recline Rearward Switch Circuit Short To Ground

B1709	Seat Driver Front Up Switch Circuit Failure
B1710	Seat Driver Front Up Switch Circuit Open
B1711	Seat Driver Front Up Switch Circuit Short To Battery
B1712	Seat Driver Front Up Switch Circuit Short To Ground
B1713	Seat Driver Front Down Switch Circuit Failure
B1714	Seat Driver Front Down Switch Circuit Open
B1715	Seat Driver Front Down Switch Circuit Short To Battery
B1716	Seat Driver Front Down Switch Circuit Short To Ground
B1717	Seat Driver Forward Switch Circuit Failure
B1718	Seat Driver Forward Switch Circuit Open
B1719	Seat Driver Forward Switch Circuit Short To Battery
B1720	Seat Driver Forward Switch Circuit Short To Ground
B1721	Seat Driver Rearward Switch Circuit Failure
B1722	Seat Driver Rearward Switch Circuit Open
B1723	Seat Driver Rearward Switch Circuit Short To Battery
B1724	Seat Driver Rearward Switch Circuit Short To Ground
B1725	Seat Driver Rear Up Switch Circuit Failure
B1726	Seat Driver Rear Up Switch Circuit Open
B1727	Seat Driver Rear Up Switch Circuit Short To Battery
B1728	Seat Driver Rear Up Switch Circuit Short To Ground
B1729	Seat Driver Rear Down Switch Circuit Failure
B1730	Seat Driver Rear Down Switch Circuit Open
B1731	Seat Driver Rear Down Switch Circuit Short To Battery
B1732	Seat Driver Rear Down Switch Circuit Short To Ground
B1733	Mirror Driver Vertical Switch Circuit Failure
B1734	Mirror Driver Vertical Switch Circuit Open
B1735	Mirror Driver Vertical Switch Circuit Short To Battery
B1736	Mirror Driver Vertical Switch Circuit Short To Ground

B1737	Mirror Driver Horizontal Switch Circuit Failure
B1738	Mirror Driver Horizontal Switch Circuit Open
B1739	Mirror Driver Horizontal Switch Circuit Short To Battery
B1740	Mirror Driver Horizontal Switch Circuit Short To Ground
B1741	Mirror Passenger Vertical Switch Circuit Failure
B1742	Mirror Passenger Vertical Switch Circuit Open
B1743	Mirror Passenger Vertical Switch Circuit Short To Battery
B1744	Mirror Passenger Vertical Switch Circuit Short To Ground
B1745	Mirror Passenger Horizontal Switch Circuit Failure
B1746	Mirror Passenger Horizontal Switch Circuit Open
B1747	Mirror Passenger Horizontal Switch Circuit Short To Battery
B1748	Mirror Passenger Horizontal Switch Circuit Short To Ground
B1749	Park/Neutral Switch Circuit Failure
B1750	Park/Neutral Switch Circuit Open
B1751	Park/Neutral Switch Circuit Short To Battery
B1752	Park/Neutral Switch Circuit Short To Ground
B1753	Hazard Flash Output Circuit Failure
B1754	Hazard Flash Output Circuit Open
B1755	Hazard Flash Output Circuit Short Battery
B1756	Hazard Flash Output Circuit Short To Ground
B1757	Seat Driver Rear Down Circuit Failure
B1758	Seat Driver Rear Down Circuit Open
B1759	Seat Driver Rear Down Circuit Short To Battery
B1760	Seat Driver Rear Down Circuit Short To Ground
B1761	Seat Driver Front Down Circuit Failure
B1762	Seat Driver Front Down Circuit Open

B1763	Seat Driver Front Down Circuit Short To Battery
B1764	Seat Driver Front Down Circuit Short To Ground
B1765	Seat Driver Forward Circuit Failure
B1766	Seat Driver Forward Circuit Open
B1767	Seat Driver Forward Circuit Short To Battery
B1768	Seat Driver Forward Circuit Short To Ground
B1769	Seat Driver Backward Circuit Failure
B1770	Seat Driver Backward Circuit Open
B1771	Seat Driver Backward Circuit Short To Battery
B1772	Seat Driver Backward Circuit Short To Ground
B1773	Mirror Driver Up Circuit Failure
B1774	Mirror Driver Up Circuit Open
B1775	Mirror Driver Up Circuit Short To Battery
B1776	Mirror Driver Up Circuit Short To Ground
B1777	Driver's Seatbelt Tension Reducer Circuit Short to Ground
B1778	Mirror Driver Down Circuit Failure
B1779	Mirror Driver Down Circuit Open
B1780	Mirror Driver Down Circuit Short To Battery
B1781	Mirror Driver Down Short To Ground
B1782	Mirror Passenger Up Circuit Failure
B1783	Mirror Passenger Up Circuit Open
B1784	Mirror Passenger Up Circuit Short To Battery
B1785	Mirror Passenger Up Circuit Short To Ground
B1786	Mirror Passenger Down Circuit Failure
B1787	Mirror Passenger Down Circuit Open
B1788	Mirror Passenger Down Circuit Short To Battery
B1789	Mirror Passenger Down Circuit Short To Ground
B1790	Autolamp Sensor Input Circuit Failure

B1791	Autolamp Sensor Input Circuit Open
B1792	Autolamp Sensor Input Circuit Short To Battery
B1793	Autolamp Sensor Input Circuit Short To Ground
B1794	Lamp Headlamp Low-Beam Circuit Failure
B1795	Lamp Headlamp Low-Beam Circuit Open
B1796	Lamp Headlamp Low-Beam Circuit Short To Battery
B1797	Lamp Headlamp Low-Beam Circuit Short To Ground
B1798	Lamp Turn Signal Front Output Circuit Failure
B1799	Lamp Turn Signal Front Output Circuit Open
B1800	Lamp Turn Signal Front Output Circuit Short To Battery
B1801	Lamp Turn Signal Front Output Circuit Short To Ground
B1802	Lamp Turn Signal Rear Output Circuit Failure
B1803	Lamp Turn Signal Rear Output Circuit Open
B1804	Lamp Turn Signal Rear Output Circuit Short To Battery
B1805	Lamp Turn Signal Rear Output Circuit Short To Ground
B1806	Lamp Tail Output Circuit Failure
B1807	Lamp Tail Output Circuit Open
B1808	Lamp Tail Output Circuit Short To Battery
B1809	Lamp Tail Output Circuit Short To Ground
B1810	Lamp Backup Switch Input Circuit Failure
B1811	Lamp Backup Switch Input Circuit Open
B1812	Lamp Backup Switch Input Circuit Short To Battery
B1813	Lamp Backup Switch Input Circuit Short To Ground
B1814	Wiper Rear Motor Down Relay Coil Circuit Failure
B1815	Wiper Rear Motor Down Relay Coil Circuit Open
B1816	Wiper Rear Motor Down Relay Coil Circuit Short To Battery
B1817	Wiper Rear Motor Down Relay Coil Circuit Short To Ground
B1818	Wiper Rear Motor Up Relay Coil Circuit Failure

B1819	Wiper Rear Motor Up Relay Coil Circuit Open
B1820	Wiper Rear Motor Up Relay Coil Circuit Short To Battery
B1821	Wiper Rear Motor Up Relay Coil Circuit Short To Ground
B1822	Wiper Rear Park Sense Input Circuit Failure
B1823	Wiper Rear Park Sense Input Circuit Open
B1824	Wiper Rear Park Sense Input Circuit Short To Battery
B1825	Wiper Rear Park Sense Input Circuit Short To Ground
B1826	Wiper Rear High Limit Input Circuit Failure
B1827	Wiper Rear High Limit Input Circuit Open
B1828	Wiper Rear High Limit Input Circuit Short To Battery
B1829	Wiper Rear High Limit Input Circuit Short To Ground
B1830	Door Unlock Disarm Switch Circuit Failure
B1831	Door Unlock Disarm Switch Circuit Open
B1832	Door Unlock Disarm Switch Circuit Short To Battery
B1833	Door Unlock Disarm Switch Circuit Short To Ground
B1834	Door Unlock Disarm Output Circuit Failure
B1835	Door Unlock Disarm Output Circuit Open
B1836	Door Unlock Disarm Output Circuit Short To Battery
B1837	Door Unlock Disarm Output Circuit Short To Ground
B1838	Battery Saver Power Relay Circuit Failure
B1839	Wiper Rear Motor Circuit Failure
B1840	Wiper Front Power Circuit Failure
B1841	Wiper Front Power Circuit Open
B1842	Wiper Front Power Circuit Short To Battery
B1843	Wiper Front Power Circuit Short To Ground
B1844	Phone Handset Circuit Failure
B1845	Ignition Tamper Circuit Failure
B1846	Ignition Tamper Circuit Open

B1847	Ignition Tamper Circuit Short To Battery
B1848	Ignition Tamper Circuit Short To Ground
B1849	Climate Control Temperature Differential Circuit Failure
B1850	Climate Control Temperature Differential Circuit Open
B1851	Climate Control Temperature Differential Circuit Short To Battery
B1852	Climate Control Temperature Differential Circuit Short To Ground
B1853	Climate Control Air Temperature Internal Sensor Motor Circuit Failure
B1854	Climate Control Air Temperature Internal Sensor Motor Circuit Open
B1855	Climate Control Air Temperature Internal Sensor Motor Circuit Short To Battery
B1856	Climate Control Air Temperature Internal Sensor Motor Circuit Short To Ground
B1857	Climate Control On/Off Switch Circuit Failure
B1858	Climate Control A/C Pressure Switch Circuit Failure
B1859	Climate Control A/C Pressure Switch Circuit Open
B1860	Climate Control A/C Pressure Switch Circuit Short To Battery
B1861	Climate Control A/C Pressure Switch Circuit Short To Ground
B1862	Climate Control A/C Lock Sensor Failure
B1863	Ground ECU Circuit Open
B1864	Battery Power Supply ECU Circuit Failure
B1865	Battery Power Supply ECU Circuit Open
B1866	Battery Power Supply ECU Circuit Short To Battery
B1867	Battery Power Supply ECU Circuit Short To Ground

B1868	Lamp Air Bag Warning Indicator Circuit Failure
B1869	Lamp Air Bag Warning Indicator Circuit Open
B1870	Lamp Air Bag Warning Indicator Circuit Short To Battery
B1871	Passenger Air Bag Disable Module Fault
B1872	Turn Signal / Hazard Power Feed Circuit Short To Battery
B1873	Turn Signal / Hazard Power Feed Circuit Short To Ground
B1874	Cellular Phone Handset Not Present
B1875	Turn Signal / Hazard Switch Signal Circuit Failure
B1876	Seatbelt Driver Pretensioner Circuit Failure
B1877	Seatbelt Driver Pretensioner Circuit Open
B1878	Seatbelt Driver Pretensioner Circuit Short to Battery
B1879	Seatbelt Driver Pretensioner Circuit Short to Ground
B1880	Seatbelt Passenger Pretensioner Circuit Failure
B1881	Seatbelt Passenger Pretensioner Circuit Open
B1882	Seatbelt Passenger Pretensioner Circuit Short to Battery
B1883	Seatbelt Passenger Pretensioner Circuit Short to Ground
B1884	PAD Warning Lamp Inoperative
B1885	Seatbelt Driver Pretensioner Circuit Resistance Low on Squib
B1886	Seatbelt Passenger Pretensioner Circuit Resistance Low on Squib
B1887	Air Bag Driver Circuit Resistance Low or Shorted Together
B1888	Air Bag Passenger Circuit Resistance Low or Shorted Together
B1889	Passenger Airbag Disable Module Sensor Obstructed
B1890	PAD Warning Lamp Circuit Short to Battery
B1891	Air Bag Tone Warning Indicator Circuit Short to Battery
B1892	Air Bag Tone Warning Indicator Circuit Failure
B1893	GPS Antenna Open Circuit

B1894	Wiper Rear Motor Speed Sense Circuit Failure
B1895	Driver's / Passenger's Door Ajar Output Circuit Failure
B1896	Driver's / Passenger's Door Ajar Output Circuit Short to Battery
B1897	Horn Switch Circuit Failure
B1898	Chime Input #2 Circuit Short to Ground
B1899	Microphone Input Signal Circuit Open
B1900	Driver Side Airbag Fault
B1901	Air Bag Crash Sensor #1 Feed/Return Circuit Short To Ground
B1902	Air Bag Crash Sensor #1 Ground Circuit Failure
B1903	Air Bag Crash Sensor #1 Ground Circuit Short To Battery
B1904	Air Bag Crash Sensor #2 Feed/Return Circuit Failure
B1905	Air Bag Crash Sensor #2 Feed/Return Circuit Short To Battery
B1906	Air Bag Crash Sensor #2 Feed/Return Circuit Short To Ground
B1907	Air Bag Crash Sensor #2 Ground Circuit Failure
B1908	Air Bag Crash Sensor #2 Ground Circuit Short To Battery
B1909	Air Bag Crash Sensor #2 Ground Circuit Short To Ground
B1910	Air Bag Diagnostic Monitor Ground Circuit Failure
B1911	Air Bag Diagnostic Monitor Ground Circuit Short To Battery
B1912	Air Bag Diagnostic Monitor Ground Circuit Short To Ground
B1913	Air Bag Driver/Passenger Circuit Short To Ground
B1914	Air Bag Crash Sensors #1 / #2 Circuit Short To Ground
B1915	Air Bag Driver Circuit Failure
B1916	Air Bag Driver Circuit Short To Battery
B1917	Air Bag Memory Clear Circuit Failure

B1918	Air Bag Memory Clear Circuit Open
B1919	Air Bag Memory Clear Circuit Short To Battery
B1920	Air Bag Passenger Circuit Failure
B1921	Air Bag Diagnostic Monitor Ground Circuit Open
B1922	Air Bag Safing Sensor Output Circuit Short To Battery
B1923	Air Bag Memory Clear Circuit Short To Ground
B1924	Air Bag Internal Diagnostic Monitor Fault or System Disarm Fault
B1925	Air Bag Passenger Circuit Short To Battery
B1926	Air Bag Passenger Pressure Switch Circuit Failure
B1927	Passenger Side Airbag Fault
B1928	Air Bag Safing Sensor Output Circuit Failure
B1929	Air Bag Safing Sensor Output Circuit Open
B1930	Air Bag Safing Sensor Output Circuit Short To Ground
B1931	Air Bag Crash Sensor #1 Feed/Return Circuit Failure
B1932	Air Bag Driver Circuit Open
B1933	Air Bag Passenger Circuit Open
B1934	Air Bag Driver Inflator Circuit Resistance Low on Squib
B1935	Air Bag Passenger Inflator Circuit Resistance Low on Squib
B1936	Air Bag Driver Circuit Short To Ground
B1937	Air Bag Passenger Pressure Switch Circuit Open
B1938	Air Bag Passenger Circuit Short To Ground
B1939	Air Bag Passenger Pressure Switch Circuit Short To Ground
B1941	Air Bag Crash Sensor #1 Feed/Return Circuit Open
B1942	Air Bag Crash Sensor #2 Feed/Return Circuit Open
B1943	Air Bag Crash Sensor #1 Ground Circuit Short To Ground
B1944	Air Bag Crash Sensor #1 Ground Circuit Open
B1945	Air Bag Crash Sensor #2 Ground Circuit Open

B1946	Climate Control A/C Post Evaporator Sensor Circuit Failure
B1947	Climate Control A/C Post Evaporator Sensor Circuit Short To Ground
B1948	Climate Control Water Temperature Sensor Circuit Failure
B1949	Climate Control Water Temperature Sensor Circuit Short To Ground
B1950	Seat Rear Up/Down Potentiometer Feedback Circuit Failure
B1951	Seat Rear Up/Down Potentiometer Feedback Circuit Open
B1952	Seat Rear Up/Down Potentiometer Feedback Circuit Short To Battery
B1953	Seat Rear Up/Down Potentiometer Feedback Circuit Short To Ground
B1954	Seat Front Up/Down Potentiometer Feedback Circuit Failure
B1955	Seat Front Up/Down Potentiometer Feedback Circuit Open
B1956	Seat Front Up/Down Potentiometer Feedback Circuit Short To Battery
B1957	Seat Front Up/Down Potentiometer Feedback Circuit Short To Ground
B1958	Seat Recline Forward/Backward Potentiometer Feedback Circuit Failure
B1959	Seat Recline Forward/Backward Potentiometer Feedback Circuit Open
B1960	Seat Recline Forward/Backward Potentiometer Feedback Circuit Short To Battery
B1961	Seat Recline Forward/Backward Potentiometer Feedback Circuit Short To Ground

B1962	Seat Horizontal Forward/Rearward Potentiometer Feedback Circuit Failure
B1963	Seat Horizontal Forward/Rearward Potentiometer Feedback Circuit Open
B1964	Seat Horizontal Forward/Rearward Potentiometer Feedback Circuit Short To Battery
B1965	Seat Horizontal Forward/Rearward Potentiometer Feedback Circuit Short To Ground
B1966	A/C Post Heater Sensor Circuit Failure
B1967	A/C Post Heater Sensor Circuit Short To Ground
B1968	A/C Water Pump Detection Circuit Failure
B1969	A/C Clutch Magnetic Control Circuit Failure
B1970	Passenger Seatback Forward Switch Circuit Short to Ground
B1971	Passenger Seatback Rearward Switch Circuit Short to Ground
B1972	Passenger Rear Seat Up Switch Circuit Short to Battery
B1973	Passenger Rear Seat Down Switch Circuit Short to Battery
B1974	Passenger's Seat Recline Forward Switch Circuit Short to Battery
B1975	Passenger's Seat Recline Back Switch Circuit Short to Battery
B1976	Passenger's Seat Forward Switch Circuit Short to Battery
B1977	Passenger's Front Seat Up Switch Circuit Short to Battery
B1978	Passenger's Front Seat Down Switch Circuit Short to Battery
B1979	Passenger Seat Rearward Switch Circuit Short to Battery
B1980	Bulb – Outage Condition Detected
B1981	Memory Off Switch Circuit Short to Battery

B1982	Driver's Door Unlock Relay Circuit Failure
B1983	Driver's Door Unlock Relay Circuit Short to Battery
B1984	Seat Switch Lumbar Inflate Circuit Failure
B1985	Seat Switch Lumbar Deflate Circuit Failure
B1986	Driver's Seat Seatback Autoglide Rearward Switch Circuit Failure
B1987	Pedal Forward / Rearward Motor Stalled
B1988	Pedal Position Forward Switch Circuit Short to Battery
B1989	Pedal Position Rearward Switch Circuit Short to Battery
B1990	Pedal Forward / Rearward Potentiometer Feedback Circuit Failure
B1991	Pedal Forward / Rearward Potentiometer Feedback Circuit Short to Battery
B1992	Driver Side, Side mount Airbag Circuit Short to Vbatt
B1993	Driver Side, Side mount Airbag Circuit Short to Ground
B1994	Driver Side, Side mount Airbag Circuit Open
B1995	Driver Side, Side mount Airbag Low resistance on Squib
B1996	Passenger Side, Side mount Airbag Circuit Short to Vbatt
B1997	Passenger Side, Side mount Airbag Circuit Short to Ground
B1998	Passenger Side, Side mount Airbag Circuit Open
B1999	Passenger Side, Side mount Airbag Low resistance on Squib

Code	Definition
B2000	ISO/SAE Reserved
B2097	Compass Module Failure (Ford)
B2100	Door Driver Key Cylinder Switch Failure
B2101	Head Rest Switch Circuit Failure
B2102	Antenna Circuit Short to Ground
B2103	Antenna Not Connected
B2104	Door Passenger Key Cylinder Switch Failure
B2105	Throttle Position Input Out of Range Low
B2106	Throttle Position Input Out of Range High
B2107	Front Wiper Motor Relay Circuit Short to Vbatt
B2108	Trunk Key Cylinder Switch Failure
B2109	Heated Wind Shield Relay Short to Vbatt (changed from Failure 2/6/97)
B2110	Front Wiper Motor Relay Circuit Open (changed from Failure 2/6/97)
B2111	All Door Lock Input Short to Ground
B2112	Door Driver Set Switch Stuck Failure
B2113	Heated Windshield Input Short to Ground
B2114	Front Washer Input Short to Ground
B2115	Rear Washer Input Short to Ground
B2116	Door Driver Reset Switch Stuck Failure
B2117	Driver Side, Side mount Airbag Low capacitance on Squib
B2118	Passenger Side, Side mount Airbag Low capacitance on Squib
B2119	Compressor Failure
B2120	Door Passenger Set Switch Stuck Failure
B2122	Driver Side Satellite Communication Circuit Short to Ground

B2123	Passenger Side Satellite Communication Circuit Short to Ground
B2124	Door Passenger Reset Switch Stuck Failure
B2128	Central Lock Motor Failure
B2129	Central Lock Feedback Failure
B2130	Double Lock Timeout Failure
B2131	Double Lock Feedback Failure
B2132	Dimmer switch Circuit Short to Gnd
B2133	Brake Motor Warning lamp Circuit Failure
B2134	Brake Motor Warning lamp Circuit Short to Vbatt
B2135	Park Brake Applied Warning Lamp Circuit Failure
B2136	Park Brake Applied Warning Lamp Circuit Short To Battery
B2139	Data Mismatch (receive data does not match what was expected)
B2141	NVM Configuration Failure
B2142	NVM TIC Failure
B2143	NVM Memory Failure
B2144	NVM Alarm Data Failure
B2145	NVM RF HR Failure
B2146	Seat Recline Motor Position Out of Range
B2148	PWM Input Circuit Failure
B2149	Seat Front Vertical Motor Position Out of Range
B2150	Power Supply #1 Circuit Short to Ground
B2151	Power Supply #2 Circuit Short to Ground
B2152	Seat Rear Vertical Motor Position Out of Range
B2153	Rear Echo Sensor Circuit Failure
B2154	Front Echo Sensor Circuit Failure
B2155	Seat Horizontal Motor Position Out of Range

B2156	Rear Doppler Sensor Circuit Failure
B2157	Front Doppler Sensor Circuit Failure
B2158	Seat Recline Motor Memory Position Out of Range
B2159	Memory #1 output Short to Ground
B2160	Memory #1 output Short to VBatt
B2161	Seat Front Vertical Motor Memory Position Out of Range
B2162	Data Mismatch #2 (receive data does not match what was expected)
B2163	Clutch Position Fault
B2164	Seat Rear Vertical Motor Memory Position Out of Range
B2165	Gear shift position Fault
B2166	Gear select position Fault
B2167	Seat Horizontal Motor Memory Position Out of Range
B2168	Unable to confirm Unlock Condition
B2169	Unable to confirm lock Condition
B2170	Steering Column Lock Switch Circuit Failure
B2172	Inertia Switch input Circuit Open
B2174	Window Driver Rear Remote Up Switch Short to Battery
B2175	A/C Request Signal Circuit Short to Ground
B2176	Overdrive switch circuit short to Vbatt
B2177	Interior Scanning Sensor Circuit Failure
B2178	Window Driver Rear Remote Down Switch Short to Battery
B2179	Front Wiper Select Switch "A" Short to Ground
B2180	Front Wiper Select Switch "B" Short to Ground
B2181	Front Wiper Select Switch "C" Short to Ground
B2182	Window Passenger Front Remote Up Switch Short to Battery
B2183	Front Wiper Select Switch "H" Short to Ground

B2184	Front Wiper Select Switch "W" Short to Ground
B2185	Rear Wiper Select Switch "D" Short to Ground
B2186	Window Passenger Front Remote Down Switch Short to Battery
B2187	Rear Wiper Select Switch "B" Short to Ground
B2188	Rear Wiper Select Switch "E" Short to Ground
B2190	Window Passenger Rear Remote Up Switch Short to Battery
B2194	Window Passenger Rear Remote Down Switch Short to Battery
B2195	Driver Window Up / Down Power Circuit Short to Ground
B2196	Passenger Window Up / Down Power Circuit Short to Ground
B2197	TV Module Error
B2198	TrafficMaster Module Error
B2199	VICS Module Error
B2200	No Communication to TV Module (No Fitting of TV)
B2201	No Communication With Traffic MasterModule
B2202	No Communication to VICS Module (No Fitting of VICS)
B2203	CD-ROM Error
B2204	GPS Antenna Connection Open or Short
B2205	GPS Receiver Error
B2206	Gyroscope Error
B2207	ECU ROM Checksum Error
B2208	Communication Link to Display and Switch Module Error
B2209	Interior Lamp Override Switch Open Circuit
B2210	Interior Lamp Override Switch Short to Ground
B2211	Low Coolant Lamp Output Circuit Short to Battery
B2214	Window Passenger Front Up Switch Short to Battery

B2215	Window Passenger Front Down Switch Short to Battery
B2219	Window Driver Front Current Feedback Exceeded
B2220	Window Driver Rear Current Feedback Exceeded
B2221	Window Passenger Front Current Feedback Exceeded
B2222	Window Passenger Rear Current Feedback Exceeded
B2223	Mirror Driver Drive Circuit Failure
B2224	Mirror Passenger Drive Circuit Failure
B2225	Front Crash Sensor Mount Fault
B2226	Front Crash Sensor Internal Fault
B2227	Front Crash Sensor Driver Communications Fault
B2228	Air Bag Driver Circuit Short to Ground – Loop #2
B2229	Air Bag Passenger Circuit Short to Ground – Loop #2
B2230	Air Bag Driver Circuit Short to Battery – Loop #2
B2231	Air Bag Passenger Circuit Short to Battery – Loop #2
B2232	Air Bag Driver Circuit Open – Loop #2
B2233	Air Bag passenger Circuit Open – Loop #2
B2234	Air Bag Driver Inflator Circuit Resistance Low on Squib – Loop #2
B2235	Air Bag Passenger Inflator Circuit
B2236	Weak or Defected Electric Vehicle Battery Module Fault
B2237	Vehicle Signal indicating Park While VSS Present
B2238	Power Cable For Power Sliding Door Broken
B2239	Rear Cargo Door Set Switch Stuck (Short to Ground)
B2240	Rear Cargo Door Reset Switch Stuck (Short to Ground)
B2241	Rear Cargo Door Lock Circuit Short to Ground
B2242	Rear Cargo Door Unlock Circuit Open
B2243	Driver Rear Door Ajar Circuit Open
B2244	Driver Sliding Door Ajar Circuit Short to GND

B2245	Passenger Rear Door Ajar Circuit Open
B2246	Passenger Sliding Door Ajar Circuit Short to GND
B2247	EV Battery Pack Temperature Fault
B2248	Heated Windshield Relay Coil Circuit Failure
B2249	Head Lamp Relay Coil Short to Battery
B2250	All Doors Unlock Relay Circuit Failure
B2251	Parklamp Output Relay Driver Circuit Failure
B2252	Parklamp Output Relay Dirver Short to Battery
B2300	Seat Driver Memory Position Error
B2301	Seat Passenger Memory Position Error
B2302	Seat Headrest Feedback Potentiometer Circuit Failure
B2303	Seat Headrest Feedback Potentiometer Circuit Open
B2304	Seat Headrest Feedback Potentiometer Circuit Short to Battery
B2305	Seat Headrest Feedback Potentiometer Circuit Short to Ground
B2306	Seat Headrest Motor Stalled
B2310	Mirror Driver Memory Position Error
B2311	Mirror Passenger Memory Position Error
B2312	Mirror Passenger Horizontal Feedback Potentiometer Circuit Failure
B2313	Mirror Passenger Horizontal Feedback Potentiometer Circuit Open
B2314	Mirror Passenger Horizontal Feedback Potentiometer Circuit Short to Battery
B2315	Mirror Passenger Horizontal Feedback Potentiometer Circuit Short to Ground
B2316	Mirror Passenger Vertical Feedback Potentiometer Circuit Failure

B2317	Mirror Passenger Vertical Feedback Potentiometer Circuit Open
B2318	Mirror Passenger Vertical Feedback Potentiometer Circuit Short to Battery
B2319	Mirror Passenger Vertical Feedback Potentiometer Circuit Short to Ground
B2320	Mirror Driver Horizontal Feedback Potentiometer Circuit Failure
B2321	Mirror Driver Horizontal Feedback Potentiometer Circuit Open
B2322	Mirror Driver Horizontal Feedback Potentiometer Circuit Short to Battery
B2323	Mirror Driver Horizontal Feedback Potentiometer Circuit Short to Ground
B2324	Mirror Driver Vertical Feedback Potentiometer Circuit Failure
B2325	Mirror Driver Vertical Feedback Potentiometer Circuit Open
B2326	Mirror Driver Vertical Feedback Potentiometer Circuit Short to Battery
B2327	Mirror Driver Vertical Feedback Potentiometer Circuit Short to Ground
B2328	Column Reach Feedback Potentiometer Circuit Failure
B2329	Column Reach Feedback Potentiometer Circuit Open
B2330	Column Reach Feedback Potentiometer Circuit Short to Battery
B2331	Column Reach Feedback Potentiometer Circuit Short to Ground
B2332	Column Tilt Feedback Potentiometer Circuit Failure
B2333	Column Tilt Feedback Potentiometer Circuit Open

B2334	Column Tilt Feedback Potentiometer Circuit Short to Battery
B2335	Column Tilt Feedback Potentiometer Circuit Short to Ground
B2336	Mirror Switch Assembly Circuit Failure
B2337	Mirror Switch Assembly Circuit Open
B2338	Mirror Switch Assembly Circuit Short to Battery
B2339	Mirror Switch Assembly Circuit Short to Ground
B2340	Column Reach Motor Stalled
B2341	Column Tilt Motor Stalled
B2342	Seat Switch Reference Voltage Positive Common Open Circuit
B2343	Seat Switch Reference Voltage Positive Common Supply Low Voltage
B2344	Seat Switch Reference Voltage Positive Common Supply Voltage Fault
B2345	Seat Switch Reference Voltage Negative Common Open Circuit
B2346	Mirror Switch Reference Voltage Positive Common Open Circuit
B2347	Mirror Switch Reference Voltage Positive Common Supply Low Voltage
B2348	Mirror Switch Reference Voltage Positive Common Supply Voltage Fault
B2349	Mirror Switch Reference Voltage Negative Common Open Circuit
B2350	Steering Column Switch Circuit Short to Battery
B2351	Steering Column Switch Circuit Failure
B2352	Driver Memory Power Switch Indicator Circuit Short to Battery

B2353	Driver Mirror Power Driver Circuit Short Ground
B2354	Driver Mirror Horizontal / Vertical Feedback Potentiometer Circuit Open
B2355	Passenger Mirror Horizontal / Vertical Feedback Potentiometer Circuit Open
B2357	Driver Window Down Current Sense Low Circuit Failure
B2362	Remote Open/Close signal Circuit Short to Ground
B2363	Optical Sensor System Failure
B2364	Fuel Filler Door Circuit Open
B2365	B-pillar Power Sliding Door Open/Close Switch Input Ckt Short to Gnd
B2366	IP Power Sliding Door Open/Close switch Ckt Short to Gnd
B2367	Power Sliding Door Override Switch Input Ckt Short to Gnd
B2368	Steering Column Switch Circuit Out of Range
B2369	Chime OUTPUT Request Ckt Short to Ground
B2373	LED #1 Circuit Short to Battery
B2374	Power Sliding Detent (Latch) Circuit Failure
B2380	Heater Coolant Temp sensor circuit Short to GND
B2381	Heater Coolant Temp sensor circuit Open
B2384	Audio Reverse Aid Mute Input Ckt Failure
B2385	Audio Navigation Mute Input Ckt Failure
B2401	Audio Tape Deck Mechanism Fault
B2402	Audio CD/DJ Thermal Shutdown Fault
B2403	Audio CD/DJ Internal Fault
B2404	Audio Steering Wheel Switch Circuit Fault
B2405	Audio Single-Disc CD Player Thermal Shutdown Fault
B2406	Audio Single-Disc CD Player Internal Fault
B2416	Climate Control Recirculation Actuator Out of Limits
B2425	Remote Keyless Entry Out of Synchronization

B2426	Passenger Solar Radiation Sensor Circuit Open
B2427	Passenger Solar Radiation Sensor Circuit Short to Ground
B2428	A/C Post Heater Sensor #2 Circuit Failure
B2429	A/C Post Heater Sensor #2 Circuit Short to Ground
B2431	Transponder Programming Failed
B2432	Drivers Seat Belt Buckle Switch Circuit Open
B2433	Drivers Seat Belt Buckle Switch Circuit Short to Battery
B2434	Drivers Seat Belt Buckle Switch Circuit Short to Ground
B2435	Drivers Seat Belt Buckle Switch Resistance out of Range
B2436	Passengers Seat Belt Buckle Switch Circuit Open
B2437	Passengers Seat Belt Buckle Switch Circuit Short to Battery
B2438	Passengers Seat Belt Buckle Switch Circuit Short to Ground
B2439	Passengers Seat Belt Buckle Switch Resistance out of Range
B2440	Passenger Side, Side crash sensor mount fault
B2441	Driver Side, Side crash sensor mount fault
B2442	Intrusion Sensor Fault
B2443	Powertrain Performance Mode Switch Circuit failure
B2444	Driver Side Crash Sensor Internal Fault
B2445	Passenger Side Crash Sensor Internal Fault
B2446	RESCU/VEMS Input Circuit Open
B2447	RESCU/VEMS Input Circuit Short to Battery
B2448	RESCU/VEMS Input Circuit Short to Ground
B2449	Aux Heater Glow Plug Circuit Short to Ground
B2450	Aux Heater Glow Plug Circuit Open
B2451	Aux Heater Fuel Pump Circuit Short to Ground
B2452	Aux Heater Fuel Pump Circuit Open

B2453	Aux Heater Blower Fan Circuit Short to Ground
B2454	Aux Heater Blower Fan Circuit Open
B2455	Aux Heater Blower Faulted
B2456	Aux Heater Coolant Sensor Circuit Short to Ground
B2457	Aux Heater Coolant Sensor Circuit Open
B2458	Aux Heater Overheat Sensor Circuit Short to Ground
B2459	Aux Heater Overheat Sensor Circuit Open
B2460	Aux Heater Flame Sensor Circuit Short to Ground
B2461	Aux Heater Flame Sensor Circuit Open
B2462	Aux Heater Flame Out Fault
B2463	Aux Heater Overheat Fault
B2464	Aux Heater Start Time Exceeded
B2465	Aux Heater Start Counter Overrun/System Locked (same as below ?)
B2466	Aux Heater Overheat Counter Overrun/System Locked
B2467	Aux Heater Cool Down Time Exceeded (may be con to a453-5 )
B2468	Aux Heater Coolant Pump Circuit Short to Ground
B2469	Aux Heater Coolant Pump Circuit Open
B2470	Interior Fan Control Circuit Short to Ground
B2471	Interior Fan Control Circuit Open
B2472	Fog Lamp Switch Failure
B2473	Passenger Door Disarm Switch ckt Short to Ground
B2474	Passenger Door Lock Switch Circuit Shorted to Ground
B2475	Passenger Door Unlock Switch Circuit Shorted to Ground
B2476	RADIO PRESENT SWITCH Ckt Failure
B2477	Module Configuration Failure
B2478	ANTI THEFT INPUT SIGNAL SHORT TO GROUND

B2479	BRAKE PARK SWITCH CIRCUIT SHORT TO GROUND
B2480	LF CORNER LAMP OUTPUT Ckt Short to Battery
B2481	Convertible Top Up/Down switch Fault
B2482	RF CORNER LAMP OUTPUT Ckt Short to Battery
B2483	Enable Signal Open Circuit
B2484	Disable Signal Short to Ground
B2485	LF SIDE REPEATER LAMP OUTPUT Ckt Short to Battery
B2487	RF SIDE REPEATER LAMP OUTPUT Ckt Short to Battery
B2489	UNDERHOOD LAMP OUTPUT CIRCUIT Failure
B2490	UNDERHOOD LAMP OUTPUT CIRCUIT Short to Battery
B2491	RF PARK LAMP OUTPUT CIRCUIT Short to Battery
B2492	Already Programmed (Test Mode DTC Only !!!)
B2493	LF PARK LAMP OUTPUT CIRCUIT Short to Battery
B2494	ANTI THEFT HORN OUTPUT CIRCUIT Short to Batt
B2495	ANTI THEFT HORN OUTPUT CIRCUIT Failure
B2496	ANTI THEFT HORN OUTPUT CIRCUIT Short to Gnd
B2499	COURTESY LAMP OUTPUT Failure
B2500	COURTESY LAMP OUTPUT Ckt Short to Battery
B2501	LF LAMP LOW BEAM CIRCUIT Failure
B2502	LF LAMP LOW BEAM CIRCUIT Short to Battery
B2503	RF LAMP LOW BEAM CIRCUIT Failure
B2504	RF LAMP LOW BEAM CIRCUIT Short to Battery
B2505	LF LAMP HIGH BEAM CIRCUIT Failure
B2506	LF LAMP HIGH BEAM CIRCUIT Short to Battery
B2507	RF LAMP HIGH BEAM CIRCUIT Failure
B2508	RF LAMP HIGH BEAM CIRCUIT Short to Battery
B2509	Rear Fog Lamp Switch Circuit Failure
B2510	Main Blower Motor Relay Circuit Short to Battery

B2511	Horn Output Relay Circuit Short to Battery
B2512	Front Fog Lamp Relay Ckt Short to Battery
B2513	Blower (Fan) Circuit Failure
B2514	Blower (Fan) Circuit Short to Vbatt
B2515	Heater Blower Relay Circuit Failure
B2516	Blower Control Circuit Failure
B2517	Emergency Power Off System Faulted
B2518	Compressor Overtemp Fault
B2519	High Mount Stop Lamp Circuit Failure
B2520	High Mount Stop Lamp Circuit Short to Battery
B2523	License Lamp Circuit Failure
B2524	License Lamp Circuit Short to Battery
B2525	Left Rear Backup Lamp Circuit Failure
B2526	Left Rear Backup Lamp Circuit Short to Battery
B2527	Left Rear Stop lamp Circuit Failure
B2528	Left Rear Stop lamp Circuit Short to Battery
B2529	Left Rear Turn Lamp Circuit Failure
B2530	Left Rear Turn Lamp Circuit Short to Battery
B2531	Right Rear Backup Lamp Circuit Failure
B2532	Right Rear Backup Lamp Circuit Short to Battery
B2533	Right Rear Stop lamp Circuit Failure
B2534	Right Rear Stop lamp Circuit Short to Battery
B2535	Right Rear Turn Lamp Circuit Failure
B2536	Right Rear Turn Lamp Circuit Short to Battery
B2539	Aux A/C Mode Position Reference Circuit Short to Ground
B2540	Aux A/C Mode Position Reference Circuit Short to Battery
B2543	Aux A/C Control Switch Reference Circuit Short to Ground
B2544	Aux A/C Control Switch Reference Circuit Short to Battery

B2545	System Power Relay Circuit Short to Battery
B2546	System Power Relay Circuit Failure
B2550	LAMP DOME OUTPUT Circuit Short to Ground
B2553	Disable Signal Output Circuit Short to Battery
B2554	LAMP DOME OUTPUT Circuit Failure
B2555	LAMP DOME OUTPUT Circuit Short to Battery
B2556	Enable Signal Circuit Short to Battery
B2557	Left Power Sliding Door Open/Close Output Circuit Short to Battery
B2558	Right Power Sliding Door Open/Close Output Circuit Short to Battery
B2559	Aux A/C Blower Motor Relay Circuit Short to Battery
B2560	Aux A/C Blower Motor Relay Circuit Short to Ground
B2561	Aux A/C Blower Speed 1 Circuit Failure
B2562	Aux A/C Blower Speed 1 Circuit Short to Ground
B2563	Aux A/C Blower Speed 2 Circuit Failure
B2564	Aux A/C Blower Speed 2 Circuit Short to Ground
B2565	Right Tail Lamp Circuit Failure
B2566	Right Tail Lamp Circuit Short to Ground
B2567	Reverse Mirror Output Circuit Failure
B2568	Reverse Mirror Output Circuit Short to Ground
B2569	Liftgate Disarm Switch Circuit Short to Ground
B2570	Right Lamp Outage Signal Circuit Short to Ground
B2571	Left Lamp Outage Signal Circuit Short to Ground
B2580	Aux Blower Sense Switch Circuit Failure
B2581	Passenger Seat Occupant Detection Circuit Short To Ground
B2582	Passenger Seat Occupant Detection Circuit Open
B2583	Child Seat Detection Circuit Short to Ground

B2584	Child Seat Detection Circuit Open
B2585	Anti Theft Input Signal Circuit Short To Battery
B2586	Headlamp Mode Select Circuit Failure
B2587	Passenger Seat Occupant Detection Circuit Short To Battery
B2588	Child Seat Detection Circuit Short To Battery
B2589	Unexpected Door Reversal During Close
B2590	Vehicle Park/Speed Signal Circuit Failure
B2591	Detent Signal Missing During Unlatch
B2592	PSD Not Fully Closed (Module Commanded Successfully)
B2593	Power Sliding Door Opened During Module Close Command
B2594	No Movement Detected After an Unlatch During Power Open
B2595	Anti Theft Input Signal Circuit Failure
B2596	Headlamp Aim Output Relay Circuit Short To Battery
B2597	Headlamp Aim Output Relay Circuit Failure
B2598	Headlamp Relay Circuit Failure
B2599	Tailgate Release Open Circuit
B2600	Double Locking Door Motor Frozen
B2601	No Latch Signal Sensed on Closing and Door Reversed
B2602	Missing Latch Signal During Power Sliding Door Unlatch
B2603	PSD Not Fully Closed During Self-Test
B2604	Power Sliding Door On/Off Switch Open Circuit
B2605	Disable Signal Open Circuit
B2606	A/C Temperature Sensor Out of Range
B2796	No Communication In Immobilizer System
B2799	Toyota: Engine Immobiliser System Malfunction GM: Suspension control select switch circuit open

BXXXX

B2AAA	Scanner Communication Incompatibility
B2TAE	Nonsense Code

Code	Definition
B3000	ISO/SAE Reserved
B3004	Right Rear Door Ajar - Circuit High

# CXXXXX



Codes	Definition
C0000	ISO/SAE Reserved
C0001	TCS Control Channel "A" Valve 1 (Subfault)
C0002	TCS Control Channel "A" Valve 2 (Subfault)
C0003	TCS Control Channel "B" Valve 1 (Subfault)
C0004	TCS Control Channel "B" Valve 2 (Subfault)
C0005	ISO/SAE Reserved
C0006	ISO/SAE Reserved
C0007	ISO/SAE Reserved
C0008	ISO/SAE Reserved
C0009	ISO/SAE Reserved
C000A	ISO/SAE Reserved
C000B	ISO/SAE Reserved
C000C	ISO/SAE Reserved
C000D	ISO/SAE Reserved
C000E	ISO/SAE Reserved
C000F	ISO/SAE Reserved
C0010	Left Front Inlet Control (Subfault)
C0011	Left Front Outlet Control (Subfault)
C0012	Left Front Hydraulic Release Too Long (Subfault)
C0013	ISO/SAE Reserved
C0014	Right Front Inlet Control (Subfault)
C0015	Right Front Outlet Control (Subfault)
C0016	Right Front Hydraulic Release Too Long (Subfault)
C0017	ISO/SAE Reserved
C0018	Left Rear Inlet Control (Subfault)
C0019	Left Rear Outlet Control (Subfault)
C001A	Left Rear Hydraulic Release Too Long (Subfault)
C001B	ISO/SAE Reserved
C001C	Right Rear Inlet Control (Subfault)

C001D	Right Rear Outlet Control (Subfault)
C001E	Right Rear Hydraulic Release Too Long (Subfault)
C001F	ISO/SAE Reserved
C0020	ABS Pump Motor Control (Subfault)
C0021	Brake Booster Performance (Subfault)
C0022	Brake Booster Solenoid (Subfault)
C0023	Stop Lamp Control (Subfault)
C0024	ISO/SAE Reserved
C0025	ISO/SAE Reserved
C0026	ISO/SAE Reserved
C0027	ISO/SAE Reserved
C0028	ISO/SAE Reserved
C0029	ISO/SAE Reserved
C002A	ISO/SAE Reserved
C002B	ISO/SAE Reserved
C002C	ISO/SAE Reserved
C002D	ISO/SAE Reserved
C002E	ISO/SAE Reserved
C002F	ISO/SAE Reserved
C0030	Left Front Tone Wheel (Subfault)
C0031	Left Front Wheel Speed Sensor (Subfault)
C0032	Left Front Wheel Speed Sensor Supply (Subfault)
C0033	Right Front Tone Wheel (Subfault)
C0034	Right Front Wheel Speed Sensor (Subfault)
C0035	Right Front Wheel Speed Sensor Supply (Subfault)
C0036	Left Rear Tone Wheel (Subfault)
C0037	Left Rear Wheel Speed Sensor (Subfault)
C0038	Left Rear Wheel Speed Sensor Supply (Subfault)
C0039	Right Rear Tone Wheel (Subfault)
C003A	Right Rear Wheel Speed Sensor (Subfault)

C003B	Right Rear Wheel Speed Sensor Supply (Subfault)
C003C	Rear Tone Wheel (Subfault)
C003D	Rear Wheel Speed Sensor (Subfault)
C003E	Rear Wheel Speed Sensor Supply (Subfault)
C003F	ISO/SAE Reserved
C0040	Brake Pedal Switch "A" (Subfault)
C0041	Brake Pedal Switch "B" (Subfault)
C0042	Brake Pedal Position Sensor "Circuit A" (Subfault)
C0043	Brake Pedal Position Sensor "Circuit B" (Subfault)
C0044	Brake Pressure Sensor "A" (Subfault)
C0045	Brake Pressure Sensor "B" (Subfault)
C0046	Brake Pressure Sensor "A"/"B" (Subfault)
C0047	Brake Booster Pressure Sensor (Subfault)
C0048	Brake Booster Travel Sensor (Subfault)
C0049	Brake Fluid (Subfault)
C004A	Brake Lining Wear Sensor (Subfault)
C004B	ISO/SAE Reserved
C004C	ISO/SAE Reserved
C004D	ISO/SAE Reserved
C004E	ISO/SAE Reserved
C004F	ISO/SAE Reserved
C0050	ISO/SAE Reserved
C0051	Steering Wheel Position Sensor (Subfault)
C0052	Steering Wheel Position Sensor "Signal A" (Subfault)
C0053	Steering Wheel Position Sensor "Signal B" (Subfault)
C0054	Steering Wheel Position Sensor "Signal C" (Subfault)
C0055	Steering Wheel Position Sensor "Signal D" (Subfault)
C0056	ISO/SAE Reserved
C0057	ISO/SAE Reserved
C0058	ISO/SAE Reserved

C0059	ISO/SAE Reserved
C005A	ISO/SAE Reserved
C005B	ISO/SAE Reserved
C005C	ISO/SAE Reserved
C005D	ISO/SAE Reserved
C005E	ISO/SAE Reserved
C005F	ISO/SAE Reserved
C0060	ISO/SAE Reserved
C0061	Lateral Acceleration Sensor (Subfault)
C0062	Longitudinal Acceleration Sensor (Subfault)
C0063	Yaw Rate Sensor (Subfault)
C0064	Roll Rate Sensor
C0065	ISO/SAE Reserved
C0066	ISO/SAE Reserved
C0067	ISO/SAE Reserved
C0068	ISO/SAE Reserved
C0069	Yaw Rate/Longitude Sensors (Subfault)
C006A	Multi-axis Acceleration Sensor (Subfault)
C006B	Stability System Active Too Long (Subfault)
C006C	Stability System
C006D	ISO/SAE Reserved
C006E	ISO/SAE Reserved
C006F	ISO/SAE Reserved
C0070	ISO/SAE Reserved
C0071	2/4 Wheel Drive Status Input (Subfault)
C0072	Brake Temperature Too High (Subfault)
C0073	Delivered Driving Torque (Subfault)
C0074	Requested Driving Torque (Subfault)
C0075	Extended Brake Pedal Travel, output to PCM (Subfault)
C0076	PWM for Traction Control (Subfault)

C0077	Low Tire Pressure (Subfault)
C0078	Tire Diameter (Subfault)
C0079	Variable Effort Steering (Subfault)
C007A	ISO/SAE Reserved
C007B	ISO/SAE Reserved
C007C	ISO/SAE Reserved
C007D	ISO/SAE Reserved
C007E	ISO/SAE Reserved
C007F	ISO/SAE Reserved
C0080	ISO/SAE Reserved
C0081	ABS Malfunction Indicator (Subfault)
C0082	Brake System Malfunction Indicator (Subfault)
C0083	Tire Pressure Monitor Malfunction Indicator (Subfault)
C0084	Traction Active Indicator (Subfault)
C0085	Traction Disable Indicator (Subfault)
C0086	Vehicle Dynamics Indicator (Subfault)
C0087	ISO/SAE Reserved
C0088	ISO/SAE Reserved
C0089	TCS Disable Switch (Subfault)
C008A	TCS Mode Control (Subfault)
C008B	ISO/SAE Reserved
C0100	Rear ABS (both wheels) solenoid/motor #1 circuit malfunction
C0300	Rear Propshaft Speed Sensor

Code	Definition
C1000	Manufacturer Controlled DTC
C1091	Speed Wheel Sensor All Coherency Failure
C1095	ABS Hydraulic Pump Motor Circuit Failure
C1096	ABS Hydraulic Pump Motor Circuit Open
C1097	ABS Hydraulic Pump Motor Circuit Short To Ground
C1098	ABS Hydraulic Pump Motor Circuit Short To Battery
C1100	ABS Pump Switch Circuit Failure
C1101	ABS Hydraulic Valve Circuit Failure
C1102	ABS Acceleration Switch Circuit Failure
C1103	ABS Hydraulic Brake Switch Circuit Failure
C1104	Traction Control Active Lamp – Circuit Short to Battery
C1105	Traction Control Disable Lamp – Circuit Short to Battery
C1106	Traction Control Disable Switch Circuit Short to Battery
C1107	ABS Function Enabled Input Circuit Failure
C1109	Speed Control Actuator Assembly Cable Release Failure
C1110	ABS Power Relay Coil Circuit Failure
C1111	ABS Power Relay Coil Open Circuit
C1112	ABS Power Relay Coil Short Circuit To Ground
C1113	ABS Power Relay Coil Short Circuit To Battery
C1114	ABS Power Relay Output Short Circuit To Ground
C1115	ABS Power Relay Output Short Circuit To Battery
C1116	Starter Motor Circuit Failure
C1117	RPM Input Circuit Failure
C1123	Vehicle Speed Sensor Input Short to Battery
C1124	Input shaft speed signal missing/faulted
C1125	Brake Fluid Level Sensor Input Circuit Failure
C1126	Cruise Control Command Switch Assembly Circuit Failure

C1127	Cruise Control Deactivator Brake Switch Circuit Failure
C1132	Clutch position ckt short to ground
C1133	Clutch position ckt short to battery
C1134	Gear Shift position short to ground
C1135	Gear Shift position short to battery
C1136	Gear Select position short to ground
C1137	ECU is Defective
C1138	Gear Select position short to Battery
C1139	Wheel Speed Sensor Center Tone Ring Missing Tooth Fault
C1140	Hydraulic Base Brake Failure
C1141	Wheel Speed Sensor LF Tone Ring Tooth Missing Fault
C1142	Wheel Speed Sensor RF Tone Ring Tooth Missing Fault
C1143	Wheel Speed Sensor LR Tone Ring Tooth Missing Fault
C1144	Wheel Speed Sensor RR Tone Ring Tooth Missing Fault
C1145	Speed Wheel Sensor RF Input Circuit Failure
C1146	Speed Wheel Sensor RF Circuit Open
C1148	Speed Wheel Sensor RF Coherency Fault
C1149	Hydraulic Fluid Pressure/ Flow Circuit Failure
C1150	Two Speed Rear Axle Input Switch Circuit Short to Vbatt
C1155	Speed Wheel Sensor LF Input Circuit Failure
C1156	Speed Wheel Sensor LF Circuit Open
C1157	Park Brake Actuator Assembly Switch Applied Circuit Failure
C1158	Speed Wheel Sensor LF Coherency Fault
C1159	Hydraulic Fluid Pressure/ Flow Circuit Short to Gnd
C1161	Air Pressure Low Circuit Short to Gnd
C1162	Park Brake Switch # 2 Released Circuit Failure
C1163	Park Brake Switch # 2 Applied Circuit Short to Gnd

C1164	Park Brake Actuator Assembly Switch Circuit Failure
C1165	Speed Wheel Sensor RR Input Circuit Failure
C1166	Speed Wheel Sensor RR Input Open Circuit
C1167	Park Brake Actuator Assembly Switch Released Circuit Short to Gnd
C1168	Speed Wheel Sensor RR Coherency Fault
C1169	ABS Fluid Dumping Exceeds Maximum Timing
C1170	PRNDL Switch Circuit Failure
C1172	Park Brake Switch # 1 Applied Circuit Failure
C1173	Park Brake Switch # 1 Released Circuit Short to Gnd
C1174	Park Brake Switch # 2 Applied Circuit Failure
C1175	Speed Wheel Sensor LR Input Circuit Failure
C1176	Speed Wheel Sensor LR Circuit Open
C1177	Park Brake Actuator Assembly Switch Released Circuit Failure
C1178	Speed Wheel Sensor LR Coherency Fault
C1179	Speed Control Actuator Assembly Cable Slack Failure
C1180	Park Brake Valve Solenoid #1 Sense Input Circuit Failure
C1181	Park Brake Valve Solenoid #1 Sense Input Circuit Short to Ground
C1182	Park Lamp Flash Relay Circuit Failure
C1183	Park Lamp Flash Relay Circuit Short to Battery
C1184	ABS System Is Not Operational
C1185	ABS Power Relay Output Circuit Failure
C1186	ABS Power Relay Output Open Circuit
C1187	Brake Fluid Level Sensor Input Open Circuit
C1188	Brake Fluid Level Sensor Input Short Circuit To Battery
C1189	Brake Fluid Level Sensor Input Short Circuit To Ground
C1190	Speed Wheel Sensor LF Input Short Circuit To Battery

C1191	Speed Wheel Sensor LF Input Short Circuit To Ground
C1192	Speed Wheel Sensor RF Input Short Circuit To Battery
C1193	Speed Wheel Sensor RF Input Short Circuit To Ground
C1194	ABS Outlet Valve Coil LF Circuit Failure
C1195	ABS Outlet Valve Coil LF Circuit Open
C1196	ABS Outlet Valve Coil LF Circuit Short To Battery
C1197	ABS Outlet Valve Coil LF Circuit Short To Ground
C1198	ABS Inlet Valve Coil LF Circuit Failure
C1199	ABS Inlet Valve Coil LF Circuit Open
C1200	ABS Inlet Valve Coil LF Circuit Short To Battery
C1201	ABS Left Front Inlet Valve Coil Circuit Short to Ground (Ford, Lincoln, Mercury, Mazda) Front Traction Control Inlet Valve Control Circuit Low (Dodge, Chrysler, Plymouth, Jeep, FIAT) Right Front Wheel Speed Sensor Invalid Signal (Mitsubishi) Left Front Wheel Speed Sensor Circuit Range or Performance (Chevrolet) Vehicle Stability Control (VSC) Cancelled by Fault in Engine Control Module (Toyota, Scion, Lexus)
C1202	ABS Outlet Valve Coil Rear Circuit Failure
C1203	ABS Outlet Valve Coil Rear Circuit Open
C1204	ABS Outlet Valve Coil Rear Circuit Short To Battery
C1205	ABS Outlet Valve Coil Rear Circuit Short To Ground
C1206	ABS Inlet Valve Coil Rear Circuit Failure
C1207	ABS Inlet Valve Coil Rear Circuit Open
C1208	ABS Inlet Valve Coil Rear Circuit Short To Battery
C1209	ABS Inlet Valve Coil Rear Circuit Short To Ground
C1210	ABS Outlet Valve Coil RF Circuit Failure
C1211	ABS Outlet Valve Coil RF Circuit Open

C1212	ABS Outlet Valve Coil RF Circuit Short To Battery
C1213	ABS Outlet Valve Coil RF Circuit Short To Ground
C1214	ABS Inlet Valve Coil RF Circuit Failure
C1215	ABS Inlet Valve Coil RF Circuit Open
C1216	ABS Inlet Valve Coil RF Circuit Short To Battery
C1217	ABS Inlet Valve Coil RF Circuit Short To Ground
C1218	Lamp ABS Warning Output Circuit Failure
C1219	Lamp ABS Warning Output Circuit Open
C1220	Lamp ABS Warning Output Circuit Short To Battery
C1221	Lamp ABS Warning Output Circuit Short To Ground
C1222	Speed Wheel Mismatch
C1223	Lamp Brake Warning Output Circuit Failure
C1224	Lamp Brake Warning Output Circuit Open
C1225	Lamp Brake Warning Output Circuit Short To Battery
C1226	Lamp Brake Warning Output Circuit Short To Ground
C1227	Speed Wheel Sensor LR Input Short Circuit To Battery
C1228	Speed Wheel Sensor LR Input Short Circuit To Ground
C1229	Speed Wheel Sensor Rear Center Coherency Fault
C1230	Speed Wheel Sensor Rear Center Input Circuit Failure
C1231	Speed Wheel Sensor Rear Center Circuit Open
C1232	Speed Wheel Sensor Rear Center Input Short Circuit To Battery
C1233	Speed Wheel LF Input Signal Missing
C1234	Speed Wheel RF Input Signal Missing
C1235	Speed Wheel RR Input Signal Missing
C1236	Speed Wheel LR Input Signal Missing
C1237	Speed Wheel Rear Input Signal Missing

C1238	ABS Hydraulic Pressure Differential Switch Input Circuit Failure
C1239	ABS Hydraulic Pressure Differential Switch Input Open Circuit
C1240	ABS Hydraulic Pressure Differential Switch Input Short Circuit To Battery
C1241	ABS Hydraulic Pressure Differential Switch Input Short Circuit To Ground
C1242	ABS Outlet Valve Coil LR Circuit Failure
C1243	ABS Outlet Valve Coil LR Circuit Open
C1244	ABS Outlet Valve Coil LR Circuit Short To Battery
C1245	ABS Outlet Valve Coil LR Circuit Short To Ground
C1246	ABS Outlet Valve Coil RR Circuit Failure
C1247	ABS Outlet Valve Coil RR Circuit Open
C1248	ABS Outlet Valve Coil RR Circuit Short To Battery
C1249	ABS Outlet Valve Coil RR Circuit Short To Ground
C1250	ABS Inlet Valve Coil LR Circuit Failure
C1251	ABS Inlet Valve Coil LR Circuit Open
C1252	ABS Inlet Valve Coil LR Circuit Short To Battery
C1253	ABS Inlet Valve Coil LR Circuit Short To Ground
C1254	ABS Inlet Valve Coil RR Circuit Failure
C1255	ABS Inlet Valve Coil RR Circuit Open
C1256	ABS Inlet Valve Coil RR Circuit Short To Battery
C1257	ABS Inlet Valve Coil RR Circuit Short To Ground
C1258	Speed Wheel LF Comparison Failure
C1259	Speed Wheel RF Comparison Failure
C1260	Speed Wheel RR Comparison Failure
C1261	Speed Wheel LR Comparison Failure
C1262	Lamp Warning Relay Circuit Failure

C1263	Lamp Warning Relay Circuit Open
C1264	Lamp Warning Relay Circuit Short To Battery
C1265	Lamp Warning Relay Circuit Short To Ground
C1266	ABS Valve Power Relay Circuit Failure
C1267	ABS Functions Temporarily Disabled
C1268	Motor Relay # 1 Circuit Failure
C1269	Motor Relay # 1 Circuit Short to Battery
C1270	Motor # 1 Input Circuit Failure
C1271	Motor # 1 Input Circuit Short to Gnd
C1272	Motor # 2 Input Circuit Failure
C1273	Motor # 2 Input Circuit Short to Vbat
C1274	Solenoid Relay # 1 Circuit Failure
C1275	Solenoid Relay # 1 Circuit Short to Vbatt
C1276	Park Brake Actuator Assembly Switch Applied Circuit Short to Gnd
C1277	STEERING Wheel Angle 1and 2 Circuit Failure
C1278	STEERING Wheel Angle 1and 2 Signal Faulted
C1279	Yaw Rate Sensor circuit Failure
C1280	Yaw Rate Sensor Signal Fault
C1281	Lateral Accelerometer circuit Failure
C1282	Lateral Accelerometer Signal Fault
C1283	Switch Test Signal Failure
C1284	Oil Pressure Switch Failure
C1285	Booster Solenoid circuit Failure
C1286	Booster Mechanical Failure
C1287	Booster Pedal Force switch circuit Failure
C1288	Pressure Transducer Main / Primary Input Circuit Failure

C1289	Pressure Transducer Redundant / Secondary Input Circuit Failure
C1400	Traction Control Valve RF Circuit Failure
C1401	Traction Control Valve RF Circuit Open
C1402	Malfunction in Front Speed Sensor LH Circuit (Most Manufacturers) Traction Control Valve RF Circuit Short To Ground
C1403	Traction Control Valve RF Circuit Short To Battery
C1404	Traction Control Valve Rear Circuit Failure
C1405	Traction Control Valve Rear Circuit Open
C1406	Traction Control Valve Rear Circuit Short To Ground
C1407	Traction Control Valve Rear Circuit Short To Battery
C1410	Traction Control Valve LF Circuit Failure
C1411	Traction Control Valve LF Circuit Open
C1412	Traction Control Valve LF Circuit Short To Ground
C1413	Traction Control Valve LF Circuit Short To Battery
C1414	Incorrect Module Design Level
C1415	Incorrect Module Configuration
C1416	Damper RF Circuit Short To Battery
C1417	Damper RF Circuit Short to Ground
C1418	Damper RF Circuit Failure
C1419	Damper RF Circuit Open
C1420	Hydraulic Fluid Pressure/ Flow Circuit Short to Vbatt
C1421	Damper LF Circuit Short To Battery (Ford, Jaguar) Open or Short in Master Cylinder Pressure Sensor (Toyota) Rear Differential Clutch Performance (Jeep, Chrysler)
C1422	Damper LF Circuit Short to Ground
C1423	Damper LF Circuit Failure
C1424	Damper LF Circuit Open

C1425	Damper RR Circuit Short to Ground
C1426	Damper RR Circuit Short To Battery
C1427	Damper RR Circuit Open
C1428	Damper RR Circuit Failure
C1429	Input-shaft-speed input circuit failure
C1430	Damper LR Circuit Open
C1431	Damper LR Circuit Short To Battery
C1432	Damper LR Circuit Short to Ground
C1433	Damper LR Circuit Failure
C1435	Accelerometer Rear Circuit Failure
C1436	Accelerometer Rear Circuit Signal Is Not Sensed
C1437	Accelerometer Rear Circuit Short To Ground
C1438	Accelerometer Rear Circuit Short To Battery
C1439	Vehicle Acceleration EEC-IV Circuit Failure
C1440	Pressure Transducer Main / Primary signal Faulted
C1441	Steering Phase A Circuit Signal Is Not Sensed
C1442	Steering Phase B Circuit Signal Is Not Sensed
C1443	Steering Phase A Circuit Short To Ground
C1444	Steering Phase B Circuit Short To Ground
C1445	Speed Vehicle Signal Circuit Failure
C1446	Brake Switch Circuit Failure
C1447	Traction Control Module Request Circuit Failure
C1448	Lamp Adaptive Damping Warning Circuit Failure
C1449	Traction Control Motor Coherency Fault
C1450	Traction Control Motor Circuit Failure
C1451	Traction Control Motor Circuit Open
C1452	Traction Control Motor Circuit Short to Battery
C1453	Traction Control Motor Circuit Short to Ground

C1454	Front Lateral Accelerometer Circuit Failure
C1455	Accelerometer Front Circuit Failure
C1456	Accelerometer Front Circuit Is Not Sensed
C1457	Accelerometer Front Circuit Short To Ground
C1458	Accelerometer Front Circuit Short To Battery
C1459	Adaptive Mode Switch Circuit Failure
C1460	Vehicle Accelerometer Power Circuit Failure
C1461	Vehicle Accelerometer Power Circuit Short to Battery
C1462	Left Front Vertical Accelerometer Circuit Failure
C1463	Right Front Vertical Accelerometer Circuit Failure
C1464	Pressure Transducer Redundant / Secondary Signal Faulted
C1465	Damper High Side Front Circuit Short To Battery
C1466	Damper Circuit Failure
C1467	Damper High Side Rear Circuit Short To Battery
C1468	Damper Low Side Front Circuit Failure
C1469	Damper Low Side Rear Circuit Failure
C1495	Traction Control Motor Potentiometer Circuit Failure
C1496	Traction Control Motor Potentiometer Circuit Open
C1497	Traction Control Motor Potentiometer Circuit Short to Battery
C1498	Traction Control Motor Potentiometer Circuit Short to Ground
C1499	Transfer Case Contact Plate "A" Encoder Circuit Failure
C1500	Transfer Case Contact Plate "B" Encoder Circuit Failure
C1501	Transfer Case Contact Plate "C" Encoder Circuit Failure
C1502	Transfer Case Contact Plate "D" Encoder Circuit Failure
C1503	Dynamic Stability Control Left Front Valve Malfunction
C1504	Dynamic Stability Control Right Front Valve Malfunction

C1505	Dynamic Stability Control Left Rear Valve Malfunction
C1506	Dynamic Stability Control Right Rear Valve Malfunction
C1507	Traction Control of Brake Exceeds Time-Out
C1508	Traction Control of Engine Exceeds Time-Out
C1510	Right Front Wheel Pressure Reduction Performance Problem
C1511	Left Front Wheel Pressure Reduction Performance Problem
C1512	Right Rear Wheel Pressure Reduction Performance Problem
C1513	Left rear Wheel Pressure Reduction Performance Problem
C1555	Scanner Communication Incompatibility
C1699	Left Rear Sensor Circuit Short to Vbat
C1700	Left Rear Sensor Circuit Failure
C1701	Left Rear Sensor Circuit Fault
C1702	RightRear Sensor Circuit Short to Vbat
C1703	Right Rear Sensor Circuit Failure
C1704	Right Rear Sensor Circuit Fault
C1705	Left Rear Center Sensor Circuit Short to Vbat
C1706	Left Rear Center Sensor Circuit Failure
C1707	Left Rear Center Sensor Circuit Fault
C1708	Right Rear Center Sensor Circuit Short to Vbat
C1709	Right Rear Center Sensor Circuit Failure
C1710	Right Rear Center Sensor Circuit Fault
C1711	Left Front Sensor Circuit Short to Vbat
C1712	Left Front Sensor Circuit Failure
C1713	Left Front Sensor Circuit Fault
C1714	Right Front Sensor Circuit Short to Vbat
C1715	Right Front Sensor Circuit Failure

C1716	Right Front Sensor Circuit Fault
C1717	Left Front Center Sensor Circuit Short to Vbat
C1718	Left Front Center Sensor Circuit Failure
C1719	Left Front Center Sensor Circuit Fault
C1721	Air Suspension Height Sensor Power Circuit Open
C1722	Air Suspension Height Sensor Power Circuit Short To Battery
C1723	Air Suspension Height Sensor Power Circuit Short To Ground
C1724	Air Suspension Height Sensor Power Circuit Failure
C1725	Air Suspension Front Pneumatic Failure
C1726	Air Suspension Rear Pneumatic Failure
C1727	Air Suspension Reservoir Pneumatic Failure
C1728	Transfer Case unable to transition between 2H and 4H
C1729	Transfer Case unable to transition between 4H and 4L
C1730	Reference Voltage Out of Range (+5 v)
C1731	Air Suspension LF Corner Up Timeout
C1732	Air Suspension LF Corner Down Timeout
C1733	Air Suspension RF Corner Up Timeout
C1734	Air Suspension RF Corner Down Timeout
C1735	Air Suspension LR Corner Up Timeout
C1736	Air Suspension LR Corner Down Timeout
C1737	Air Suspension RR Corner Up Timeout
C1738	Air Suspension RR Corner Down Timeout
C1739	Right Front Center Sensor Circuit Short to Vbat
C1740	Right Front Center Sensor Circuit Failure
C1741	Right Front Center Sensor Circuit Fault
C1742	Rear Sounder Circuit Failure

C1743	Rear Sounder Circuit Short to Vbatt
C1744	Front Sounder Circuit Failure
C1745	Front Sounder Circuit Short to Vbatt
C1748	Switch input Circuit Short to Gnd
C1749	Trailer Input Circuit Failure
C1750	Accelerator Position Sensor Out of Range
C1751	Vehicle Speed Sensor #1 Output Circuit Short to Vbatt
C1752	Vehicle Speed Sensor #1 Output Circuit Short to Gnd
C1753	Hydraulic Clutch Actuator Valve Signal Fault
C1754	Hydraulic Clutch Actuator Valve Circuit Failure
C1755	Power Limit Shutdown Fault
C1756	Air Suspension Front Height Sensor High (SE) Signal Circuit Failure
C1757	Air Suspension Front Height Sensor High (SE) Signal Circuit Open
C1758	Air Suspension Front Height Sensor High (SE) Signal Circuit Short To Battery
C1759	Air Suspension Front Height Sensor High (SE) Signal Circuit Short To Ground
C1760	Air Suspension Rear Height Sensor High (SE) Signal Circuit Failure
C1761	Air Suspension Rear Height Sensor High (SE) Signal Circuit Open
C1762	Air Suspension Rear Height Sensor High (SE) Signal Circuit Short To Battery
C1763	Air Suspension Rear Height Sensor High (SE) Signal Circuit Short To Ground
C1765	Air Suspension Rear Height Sensor Low Signal Circuit Failure

C1766	Air Suspension Rear Height Sensor Low Signal Circuit Open
C1767	Air Suspension Rear Height Sensor Low Signal Circuit Short To Battery
C1768	Air Suspension Rear Height Sensor Low Signal Circuit Short To Ground
C1770	Air Suspension Vent Solenoid Output Circuit Failure
C1771	Air Suspension Vent Solenoid Output Circuit Open
C1772	Air Suspension Vent Solenoid Output Circuit Short To Battery
C1773	Air Suspension Vent Solenoid Output Circuit Short To Ground
C1774	Coolant Temp Out of Range
C1775	DC-DC Converter Failure
C1776	Heater System Failure
C1777	Vacuum Pressure Circuit Failure
C1778	Power Steering Failure
C1779	Blower Switch Failure
C1780	Temperature Select Failure
C1781	Engine Coolant Temperature Signal Missing/Fault
C1790	Air Suspension LR Air Spring/Shock Solenoid Output Circuit Failure
C1791	Air Suspension LR Air Spring/Shock Solenoid Output Circuit Open
C1792	Air Suspension LR Air Spring/Shock Solenoid Output Circuit Short To Battery
C1793	Air Suspension LR Air Spring/Shock Solenoid Output Circuit Short To Ground
C1795	Air Suspension RR Air Spring/Shock Solenoid Output Circuit Failure

C1796	Air Suspension RR Air Spring/Shock Solenoid Output Circuit Open
C1797	Air Suspension RR Air Spring/Shock Solenoid Output Circuit Short To Battery
C1798	Air Suspension RR Air Spring/Shock Solenoid Output Circuit Short To Ground
C1800	Air Suspension Reservoir Solenoid Circuit Failure
C1805	Mismatched PCM and/or ABS-TC Module
C1813	Air Suspension LR Vent Request Exceeded Max Timing
C1814	Air Suspension RR Vent Request Exceeded Max Timing
C1818	Air Suspension LR Air Compress Request Exceeded Max Timing
C1819	Air Suspension RR Air Compress Request Exceeded Max Timing
C1820	Air Suspension RF Air Compress Request Exceeded Max Timing
C1830	Air Suspension Compressor Relay Circuit Failure
C1831	Air Suspension Compressor Relay Circuit Open
C1832	Air Suspension Compressor Relay Circuit Short To Battery
C1833	Air Suspension Compressor Relay Circuit Short To Ground
C1834	Gauge Drive Current Fault
C1835	Current Sense Circuit Failure
C1836	Battery Temp out of Range
C1837	Battery Heater Circuit Failure
C1838	Charging System Fault
C1839	Leakage Fault
C1840	Air Suspension Disable Switch Circuit Failure
C1841	Air Suspension Disable Switch Circuit Open
C1842	Air Suspension Disable Switch Circuit Short To Battery

C1843	Air Suspension Disable Switch Circuit Short To Ground
C1844	Air Suspension Secondary Front Inflator Solenoid Output Circuit Failure
C1845	Air Suspension Front Inflator Solenoid Output Circuit Failure
C1846	Air Suspension Front Inflator Solenoid Output Circuit Open
C1847	Air Suspension Front Inflator Solenoid Output Circuit Short To Battery
C1848	Air Suspension Front Inflator Solenoid Output Circuit Short To Ground
C1849	Master Cylinder Pressure Out of Range
C1850	Air Suspension Warning Lamp Circuit Failure
C1851	Air Suspension Warning Lamp Circuit Open
C1852	Air Suspension Warning Lamp Circuit Short To Battery
C1853	Air Suspension Warning Lamp Circuit Short To Ground
C1854	Motor Temperature Out of Range
C1855	Acceleration Position Sensor Conflict
C1856	Traction Motor Encoder circuit Failure
C1859	PRNDL Input #2 Circuit Failure
C1860	PRNDL Input #3 Circuit Failure
C1861	PRNDL Input #4 Circuit Failure
C1862	Contactor Circuit Failure
C1863	External Charging Fault
C1864	Battery Module Fault
C1865	Air Suspension Rear Inflator Solenoid Output Circuit Failure
C1866	Air Suspension Rear Inflator Solenoid Output Circuit Open
C1867	Air Suspension Rear Inflator Solenoid Output Circuit Short To Battery

C1868	Air Suspension Rear Inflator Solenoid Output Circuit Short To Ground
C1869	Air Suspension Gate Solenoid Output Circuit Failure
C1870	Air Suspension Gate Solenoid Output Circuit Open
C1871	Air Suspension Gate Solenoid Output Circuit Short To Battery
C1872	Air Suspension Gate Solenoid Output Circuit Short To Ground
C1873	Air Suspension RF Air Spring Solenoid Output Circuit Failure
C1874	Air Suspension RF Air Spring Solenoid Output Circuit Open
C1875	Air Suspension RF Air Spring Solenoid Output Circuit Short To Battery
C1876	Air Suspension RF Air Spring Solenoid Output Circuit Short To Ground
C1877	Air Suspension LF Air Spring Solenoid Output Circuit Failure
C1878	Air Suspension LF Air Spring Solenoid Output Circuit Open
C1879	Air Suspension LF Air Spring Solenoid Output Circuit Short To Battery
C1880	Air Suspension LF Air Spring Solenoid Output Circuit Short To Ground
C1881	Air Suspension RF Height Sensor Circuit Failure
C1882	Air Suspension RF Height Sensor Circuit Open
C1883	Air Suspension RF Height Sensor Circuit Short To Battery
C1884	Air Suspension RF Height Sensor Circuit Short To Ground
C1885	Air Suspension RR Height Sensor Circuit Failure
C1886	Air Suspension RR Height Sensor Circuit Open
C1887	Air Suspension RR Height Sensor Circuit Short To Battery

C1888	Air Suspension RR Height Sensor Circuit Short To Ground
C1889	Air Suspension LF Height Sensor Circuit Failure
C1890	Air Suspension LF Height Sensor Circuit Open
C1891	Air Suspension LF Height Sensor Circuit Short To Battery
C1892	Air Suspension LF Height Sensor Circuit Short To Ground
C1893	Air Suspension LR Height Sensor Circuit Failure
C1894	Air Suspension LR Height Sensor Circuit Open
C1895	Air Suspension LR Height Sensor Circuit Short To Battery
C1896	Air Suspension LR Height Sensor Circuit Short To Ground
C1897	Steering VAPS II Circuit Loop Failure
C1898	Steering VAPS II Circuit Loop Open
C1899	Steering VAPS II Circuit Loop Short To Battery
C1900	Steering VAPS II Circuit Loop Short To Ground
C1901	Ride Control RR Shock Actuator Circuit Failure
C1902	Ride Control RR Shock Actuator Circuit Open
C1903	Ride Control RR Shock Actuator Circuit Short To Battery
C1904	Ride Control RR Shock Actuator Circuit Short To Ground
C1905	Ride Control LR Shock Actuator Circuit Failure
C1906	Ride Control LR Shock Actuator Circuit Open
C1907	Ride Control LR Shock Actuator Circuit Short To Battery
C1908	Ride Control LR Shock Actuator Circuit Short To Ground
C1909	Ride Control RF Shock Actuator Circuit Failure
C1910	Ride Control RF Shock Actuator Circuit Open
C1911	Ride Control RF Shock Actuator Circuit Short To Battery
C1912	Ride Control RF Shock Actuator Circuit Short To Ground
C1913	Ride Control LF Shock Actuator Circuit Failure
C1914	Ride Control LF Shock Actuator Circuit Open
C1915	Ride Control LF Shock Actuator Circuit Short To Battery

C1916	Ride Control LF Shock Actuator Circuit Short To Ground
C1917	Steering EVO Out-of-Range Fault
C1918	Air Suspension Ride Height Select Switch Circuit Failure
C1920	Led #1 Circuit Failure
C1921	VAPS Solenoid Actuator Output Circuit Failure
C1922	VAPS Solenoid Actuator Output Circuit Open
C1923	VAPS Solenoid Actuator Output Circuit Short To Battery
C1924	VAPS Solenoid Actuator Output Circuit Short To Ground
C1925	VAPS Solenoid Actuator Return Circuit Failure
C1926	VAPS Solenoid Actuator Return Circuit Open
C1927	VAPS Solenoid Actuator Return Circuit Short To Battery
C1928	VAPS Solenoid Actuator Return Circuit Short To Ground
C1929	Air Suspension Front Compressor Relay Circuit Failure
C1930	Air Suspension Front Compressor Relay Circuit Open
C1931	Air Suspension Front Compressor Relay Circuit Short To Battery
C1932	Air Suspension Front Compressor Relay Circuit Short To Ground
C1933	Solenoid Current Out Of Range
C1934	HPU (Hydraulic Pump Unit) Pressurisation Failure
C1935	Chime Circuit Failure
C1936	Hydraulic Pump Relay Circuit Failure
C1937	Steering Wheel Angle Sensor Offset Failure
C1938	Invalid Steering Wheel Angle Sensor ID
C1939	Brake Pressure Switch Input Circuit Failure
C1940	Brake Pressure Switch Mechanical Failure
C1942	Unrecognized Powertrain Configuration
C1943	Airbag Deployment Indication Input Fault

C1944	Gauge Driver Circuit Fault
C1945	Park Switch Indicates Park with Vehicle Moving
C1946	Seat Track Position Switch Circuit Open
C1947	Seat Track Position Switch Circuit Short to Ground
C1948	Seat Track Position Switch Circuit Resistance Out of Range
C1949	Accelerometer Sensor Circuit Open
C1950	Accelerometer Sensor Circuit Failure
C1951	Lateral Accelerometer Sensor Circuit Open
C1952	Yaw Rate Sensor Circuit Open
C1953	Master Cylinder Pressure Sensor Circuit Open
C1954	Master Cylinder Pressure Sensor Circuit Failure
C1955	Steering Angle Sensor Circuit Open
C1956	Steering Angle Sensor Circuit Failure
C1957	Dynamic Stability Control Valve RF Circuit Failure
C1958	Dynamic Stability Control Valve LF Circuit Failure
C1959	Lateral Accelerometer Sensor Circuit Failure
C1960	Driver Brake Apply Circuit Fault
C1961	Park Lamp Relay Coil Circuit Failure
C1962	Park Lamp Relay Coil Short to Battery
C1963	Stability Control Inhibit Warning

Code	Definition
C2000	ISO/SAE Reserved
C2767	Reserved – TBD

Code	Definition
C3000	ISO/SAE Reserved

# UXXXXX



Codes	Definition
U0001	Controller area network (CAN) data bus: high speed bus/communication control module
U0002	Controller area network (CAN) data bus: high speed bus - performance problem/ configuration error
U0003	Controller area network (CAN) data bus: high speed bus(+) - open circuit
U0004	Controller area network (CAN) data bus: high speed bus(+) - voltage low
U0005	Controller area network (CAN) data bus: high speed bus(+) - voltage high
U0006	Controller area network (CAN) data bus: high speed bus(-) - open circuit
U0007	Controller area network (CAN) data bus: high speed bus (-) - voltage low
U0008	Controller area network (CAN) data bus: high speed bus(-) - voltage high
U0009	Controller area network (CAN) data bus: high speed bus (-) - shorted to data bus(+)
U0010	Controller area network (CAN) data bus: medium speed bus
U0011	Controller area network (CAN) data bus: medium speed bus - performance problem
U0012	Controller area network (CAN) data bus: medium speed bus(+) - open circuit
U0013	Controller area network (CAN) data bus: medium speed bus(+) - voltage low
U0014	Controller area network (CAN) data bus: medium speed bus(+) - voltage high
U0015	Controller area network (CAN) data bus: medium speed bus(-)
U0016	Controller area network (CAN) data bus: medium speed bus(-) - voltage low

U0017	Controller area network (CAN) data bus: medium speed bus(-)- voltage high
U0018	Controller area network (CAN) data bus: medium speed bus (-)-shorted to data bus(+)
U0019	Controller area network (CAN) data bus: low speed bus
U0020	Controller area network (CAN) data bus: low speed bus - performance problem
U0021	Controller area network (CAN) data bus: low speed bus (+) - open circuit
U0022	Controller area network (CAN) data bus: low speed bus (+) - voltage low
U0023	Controller area network (CAN) data bus: low speed bus (+) - voltage high
U0024	Controller area network (CAN) data bus: low speed bus (-) - open circuit
U0025	Controller area network (CAN) data bus: low speed bus (-) - voltage low
U0026	Controller area network (CAN) data bus: low speed bus (-) - voltage high
U0027	Controller area network (CAN) data bus: low speed bus (-) - shorted to data bus (+)
U0028	Vehicle area network (VAN) data bus A
U0029	Vehicle area network (VAN) data bus A - performance problem
U0030	Vehicle area network (VAN) data bus A (+)- open circuit
U0031	Vehicle area network (VAN) data bus A (+)- voltage low
U0032	Vehicle area network (VAN) data bus A (+)- voltage high
U0033	Vehicle area network (VAN) data bus A (-)- open circuit
U0034	Vehicle area network (VAN) data bus A (-)- voltage low
U0035	Vehicle area network (VAN) data bus A (-)- voltage high

U0036	Vehicle area network (VAN) data bus A (-)- shorted to data bus A (+)
U0037	Vehicle area network (VAN) data bus B
U0038	Vehicle area network (VAN) data bus B - performance problem
U0039	Vehicle area network (VAN) data bus B (+)- open circuit
U0040	Vehicle area network (VAN) data bus B (+)- voltage low
U0041	Vehicle area network (VAN) data bus B (+)- voltage high
U0042	Vehicle area network (VAN) data bus B (-)- open circuit
U0043	Vehicle area network (VAN) data bus B (-)- voltage low
U0044	Vehicle area network (VAN) data bus B (-)- voltage high
U0045	Vehicle area network (VAN) data bus B (-)- shorted to data bus B (+)
U0046	Vehicle area network (VAN) data bus C
U0047	Vehicle area network (VAN) data bus C - performance problem
U0048	Vehicle area network (VAN) data bus C (+)- open circuit
U0049	Vehicle area network (VAN) data bus C (+)- voltage low
U0050	Vehicle area network (VAN) data bus C (+)- voltage high
U0051	Vehicle area network (VAN) data bus C (-)- open circuit
U0052	Vehicle area network (VAN) data bus C (-)- voltage low
U0053	Vehicle area network (VAN) data bus C (-)- voltage high
U0054	Vehicle area network (VAN) data bus C (-)- shorted to data bus C (+)
U0055	Vehicle area network (VAN) data bus D
U0056	Vehicle area network (VAN) data bus D- performance problem
U0057	Vehicle area network (VAN) data bus D (+)- open circuit
U0058	Vehicle area network (VAN) data bus D (+)- voltage low
U0059	Vehicle area network (VAN) data bus D (+)- voltage high
U0060	Vehicle area network (VAN) data bus D (-)- open circuit

U0061	Vehicle area network (VAN) data bus D (-)- voltage low
U0062	Vehicle area network (VAN) data bus D (-)- voltage high
U0063	Vehicle area network (VAN) data bus D (-)- shorted to data bus D (+)
U0064	Vehicle area network (VAN) data bus E
U0065	Vehicle area network (VAN) data bus E - performance problem
U0066	Vehicle area network (VAN) data bus E (+)- open circuit
U0067	Vehicle area network (VAN) data bus E (+)- voltage low
U0068	Vehicle area network (VAN) data bus E (+)- voltage high
U0069	Vehicle area network (VAN) data bus E (-)- open circuit
U0070	Vehicle area network (VAN) data bus E (-)- voltage low
U0071	Vehicle area network (VAN) data bus E (-)- voltage high
U0072	Vehicle area network (VAN) data bus E (-)- shorted to data bus E (+)
U0073	Control module - data bus Off
U0100	Data bus: engine control module (ECM) A - no communication
U0101	Data bus: transmission control module (TCM) - no communication
U0102	Data bus: transfer box control module - no communication
U0103	Data bus: gear shift module - no communication / System relay - low signal
U0104	Data bus: cruise control module - no communication
U0105	Data bus: injector control module - no communication
U0106	Data bus: glow plug control module - no communication
U0107	Data bus: throttle actuator control (TAC) module - no communication
U0108	Data bus: alternative fuel control module - no communication
U0109	Data bus: fuel pump (FP) control module - no communication

U0110	Data bus: drive motor control module - no communication
U0111	Data bus: battery energy control module A - no communication
U0112	Data bus: battery energy control module B - no communication
U0113	Data bus: emissions critical control information - no communication
U0114	Data bus: four wheel drive clutch control module - no communication
U0115	Data bus: engine control module (ECM) B - no communication
U0121	Data bus: anti-lock brake system (ABS) control module - no communication
U0122	Data bus: vehicle dynamics control module - no communication
U0123	Data bus: yaw rate sensor module - no communication
U0124	Data bus: lateral acceleration sensor module - no communication
U0125	Data bus: multi-axis acceleration sensor module - no communication
U0126	Data bus: steering position sensor control module - no communication
U0127	Data bus: tire pressure monitor module- no communication
U0128	Data bus: parking brake control module - no communication
U0129	Data bus: brake system control module - no communication
U0130	Data bus: steering effort control module - no communication
U0131	Data bus: power steering control module - no communication

<b>U0132</b>	Data bus: suspension ride height control module - no communication
<b>U0140</b>	Data bus: body control module (8CM)- no communication
<b>U0141</b>	Data bus: body control module (8CM) A- no communication
<b>U0142</b>	Data bus: body control module (8CM) 8 - no communication
<b>U0143</b>	Data bus: body control module (8CM) C- no communication
<b>U0144</b>	Data bus: body control module (8CM) D- no communication
<b>U0145</b>	Data bus: body control module (8CM) E - no communication
<b>U0146</b>	Data bus: gateway A- no communication
<b>U0147</b>	Data bus: gateway 8 - no communication
<b>U0148</b>	Data bus: gateway C - no communication
<b>U0149</b>	Data bus: gateway D- no communication
<b>U0150</b>	Data bus: gateway E - no communication
<b>U0151</b>	Data bus: supplementary restraint system (SRS) control module - no communication
<b>U0152</b>	Data bus : supplementary restraint system (SRS) control module: left - no communication
<b>U0153</b>	Data bus: supplementary restraint system (SRS) control module: right - no communication
<b>U0154</b>	Data bus: supplementary restraint system (SRS) occupant sensing control module- no communication
<b>U0155</b>	Data bus: instrumentation control module - no communication

U0156	Data bus: information centre A - no communication
U0157	Data bus: information centre B - no communication
U0158	Data bus: head up display - no communication
U0159	Data bus: parking aid control module A - no communication
U0160	Data bus: audible alert control module - no communication
U0161	Data bus: compass module - no communication
U0162	Data bus: navigation display module - no communication
U0163	Data bus: navigation control module - no communication
U0164	Data bus: NC control module - no communication
U0165	Data bus: NC control module: rear
U0166	Data bus: auxiliary heater control module - no communication
U0167	Data bus: immobilizer control 'module - no communication / Engine control module - internal fault
U0168	Data bus: alarm system control module - no communication
U0169	Data bus: sunroof control module - no communication
U0170	Data bus: supplementary restraint system (SRS) sensor A - no communication
U0171	Data bus: supplementary restraint system (SRS) sensor B - no communication
U0172	Data bus: supplementary restraint system (SRS) sensor C - no communication
U0173	Data bus: supplementary restraint system (SRS) sensor D - no communication
U0174	Data bus: supplementary restraint system (SRS) sensor E - no communication
U0175	Data bus: supplementary restraint system (SRS) sensor F - no communication

U0176	Data bus: supplementary restraint system (SRS) sensor G - no communication
U0177	Data bus: supplementary restraint system (SRS) sensor H - no communication
U0178	Data bus: supplementary restraint system (SRS) sensor I - no communication
U0179	Data bus: supplementary restraint system (SRS) sensor J - no communication
U0180	Data bus: automatic lighting control module - no communication
U0181	Data bus: headlamp level control module - no communication
U0182	Data bus: lamps control module: front - no communication
U0183	Data bus: lamps control module: rear- no communication
U0184	Data bus: radio - no communication
U0185	Data bus: aerial module - no communication
U0186	Data bus: audio unit output amplifier- no communication
U0187	Data bus: digital disc player/changer module A - no communication
U0188	Data bus: digital disc player/changer module B - no communication
U0189	Data bus: digital disc player/changer module C - no communication
U0190	Data bus: digital disc player/changer module D - no communication
U0191	Data bus: television - no communication
U0192	Data bus: personal computer - no communication
U0193	Data bus: digital audio control module A- no communication
U0194	Data bus: digital audio control module B - no communication

<b>U0195</b>	Data bus: subscription entertainment receiver module - no communication
<b>U0196</b>	Data bus: entertainment control module: rear - no communication
<b>U0197</b>	Data bus: telephone control module - no communication
<b>U0198</b>	Data bus: telematics control module - no communication
<b>U0199</b>	Data bus: door function control module A - no communication
<b>U0200</b>	Data bus: door function control module B - no communication
<b>U0201</b>	Data bus: door function control module C - no communication
<b>U0202</b>	Data bus: door function control module D - no communication
<b>U0203</b>	Data bus: door function control module E - no communication
<b>U0204</b>	Data bus: door function control module F - no communication
<b>U0205</b>	Data bus: door function control module G - no communication
<b>U0206</b>	Data bus: convertible top control module - no communication
<b>U0207</b>	Data bus: moveable roof control module - no communication
<b>U0208</b>	Data bus: seat adjustment control module A - no communication
<b>U0209</b>	Data bus: seat adjustment control module B - no communication
<b>U0210</b>	Data bus: seat adjustment control module C - no communication
<b>U0211</b>	Data bus: seat adjustment control module D - no communication

U0212	Data bus: steering column control module - no communication
U0213	Data bus: mirror control module A - no communication
U0214	Data bus: remote function actuation - no communication
U0215	Data bus: door contact switch A - no communication
U0216	Data bus: door contact switch B - no communication
U0217	Data bus: door contact switch C - no communication
U0218	Data bus: door contact switch D - no communication
U0219	Data bus: door contact switch E - no communication
U0220	Data bus: door contact switch F - no communication
U0221	Data bus: door contact switch G - no communication
U0222	Data bus: electric window motor A- no communication
U0223	Data bus: electric window motor B - no communication
U0224	Data bus: electric window motor C - no communication
U0225	Data bus: electric window motor D - no communication
U0226	Data bus: electric window motor E - no communication
U0227	Data bus: electric window motor F - no communication
U0228	Data bus: electric window motor G - no communication
U0229	Data bus: heated steering wheel module - no communication
U0230	Data bus: tailgate control module - no communication
U0231	Data bus: rain sensor control module- no communication
U0232	Data bus: side obstacle detection control module: left - no communication
U0233	Data bus: side obstacle detection control module: right- no communication
U0234	Data bus: convenience recall module - no communication
U0235	Data bus: cruise control front distance range sensor - no communication
U0253	Lost Communication With Accessory Protocol Interface Module

<b>U0284</b>	Lost Communication With Active Grille Air Shutter 1 Motor Module
<b>U0293</b>	Data bus: HVAC control unit- no communication
<b>U029D</b>	Lost Communication With NOX Sensor A
<b>U0300</b>	Control module - internal software incompatibility
<b>U0301</b>	Software incompatibility - engine control module (ECM)
<b>U0302</b>	Software incompatibility - transmission control module (TCM)
<b>U0303</b>	Software incompatibility - transfer box control module
<b>U0304</b>	Software incompatibility - gear shift module
<b>U0305</b>	Software incompatibility - cruise control module
<b>U0306</b>	Software incompatibility - injector control module
<b>U0307</b>	Software incompatibility - glow plug control module
<b>U0308</b>	Software incompatibility - throttle actuator control (TAC) module
<b>U0309</b>	Software incompatibility - alternative fuel control module
<b>U0310</b>	Software incompatibility - fuel pump (FP) control module
<b>U0311</b>	Software incompatibility - drive motor control module
<b>U0312</b>	Software incompatibility - battery energy control module A
<b>U0313</b>	Software incompatibility - battery energy control module B
<b>U0314</b>	Software incompatibility - four wheel drive clutch control module
<b>U0315</b>	Software incompatibility - anti-lock brake system (ASS) control module
<b>U0316</b>	Software incompatibility - vehicle dynamics control module
<b>U0317</b>	Software incompatibility - parking brake control module
<b>U0318</b>	Software incompatibility - brake system control module
<b>U0319</b>	Software incompatibility - steering effort control module
<b>U0320</b>	Software incompatibility - power steering control module

U0321	Software incompatibility - suspension ride height control module
U0322	Software incompatibility - body control module
U0323	Software incompatibility - instrumentation control module
U0324	Software incompatibility - AIC control module
U0325	Software incompatibility - auxiliary heater control module
U0326	Software incompatibility - immobilizer control module
U0327	Software incompatibility - alarm system control module
U0328	Software incompatibility - steering position sensor control module
U0329	Software incompatibility - steering column control module
U0330	Software incompatibility - tire pressure monitor module
U0331	Software incompatibility - body control module A
U0332	Software incompatibility - multi-axis acceleration sensor module
U0400	Invalid data received
U0401	Invalid data received - engine control module (ECM)
U0402	Invalid data received - transmission control module (TCM)
U0403	Invalid data received - transfer box control module
U0404	Invalid data received - gear shift module
U0405	Invalid data received - cruise control module
U0406	Invalid data received - injector control module
U0407	Invalid data received - glow plug control module
U0408	Invalid data received - throttle actuator control (TAC) module
U0409	Invalid data received - alternative fuel control module
U0410	Invalid data received - fuel pump (FP) control module
U0411	Invalid data received -drive motor control module
U0412	Invalid data received - battery energy control module A
U0413	Invalid data received - battery energy control module B

U0414	Invalid data received - four wheel drive clutch control module
U0415	Invalid data received - anti-lock brake system (ABS) control module
U0416	Invalid data received - vehicle dynamics control module
U0417	Invalid data received - parking brake control module
U0418	Invalid data received - brake system control module
U0419	Invalid data received - steering effort control module
U0420	Invalid data received - power steering control module
U0421	Invalid data received - suspension ride height control module
U0422	Invalid data received - body control module
U0423	Invalid data received - instrumentation control module
U0424	Invalid data received - A/C control module
U0425	Invalid data received - auxiliary heater control module
U0426	Invalid data received - immobilizer
U0427	Invalid data received - alarm system control module
U0428	Invalid data received - steering position sensor control module
U0429	Invalid data received - steering column control module
U0430	Invalid data received - tire pressure monitor module
U0431	Invalid data received - body control module A
U0433	Invalid data received - cruise control front distance range sensor
U0481	Invalid Data Received From Automatic Lighting Control Module

Code	Definition
U1000	SCP (J1850) Invalid or Missing Data for Primary Id
U1001	SCP (J1850) Invalid or Missing Data for Primary Id
U1002	SCP (J1850) Invalid or Missing Data for Primary Id
U1003	SCP (J1850) Invalid or Missing Data for Primary Id
U1004	SCP (J1850) Invalid or Missing Data for EEC Programming
U1005	SCP (J1850) Invalid or Missing Data for EEC Programming
U1006	SCP (J1850) Invalid or Missing Data for Primary Id
U1007	SCP (J1850) Invalid or Missing Data for Primary Id
U1008	SCP (J1850) Invalid or Missing Data for Engine Torque
U1009	SCP (J1850) Invalid or Missing Data for Engine Torque
U1010	SCP (J1850) Invalid or Missing Data for Engine Air Intake
U1011	SCP (J1850) Invalid or Missing Data for Engine Air Intake
U1012	SCP (J1850) Invalid or Missing Data for Primary Id
U1013	SCP (J1850) Invalid or Missing Data for Primary Id
U1014	SCP (J1850) Invalid or Missing Data for Primary Id
U1015	SCP (J1850) Invalid or Missing Data for Primary Id
U1016	SCP (J1850) Invalid or Missing Data for Primary Id
U1017	SCP (J1850) Invalid or Missing Data for Primary Id
U1018	SCP (J1850) Invalid or Missing Data for Throttle
U1019	SCP (J1850) Invalid or Missing Data for Throttle
U1020	SCP (J1850) Invalid or Missing Data for Air Conditioning Clutch
U1021	SCP (J1850) Invalid or Missing Data for Air Conditioning Clutch
U1022	SCP (J1850) Invalid or Missing Data for Primary Id
U1023	SCP (J1850) Invalid or Missing Data for Primary Id
U1024	SCP (J1850) Invalid or Missing Data for Primary Id

U1025	SCP (J1850) Invalid or Missing Data for Primary Id
U1026	SCP (J1850) Invalid or Missing Data for Engine RPM
U1027	SCP (J1850) Invalid or Missing Data for Engine RPM
U1028	SCP (J1850) Invalid or Missing Data for Primary Id
U1029	SCP (J1850) Invalid or Missing Data for Primary Id
U1030	SCP (J1850) Invalid or Missing Data for Experimental #1
U1031	SCP (J1850) Invalid or Missing Data for Experimental #1
U1032	SCP (J1850) Invalid or Missing Data for Primary Id
U1033	SCP (J1850) Invalid or Missing Data for Primary Id
U1034	SCP (J1850) Invalid or Missing Data for Primary Id
U1035	SCP (J1850) Invalid or Missing Data for Primary Id
U1036	SCP (J1850) Invalid or Missing Data for Wheels
U1037	SCP (J1850) Invalid or Missing Data for Wheels
U1038	SCP (J1850) Invalid or Missing Data for Primary Id
U1039	SCP (J1850) Invalid or Missing Data for Primary Id / Vehicle Speed
U1040	SCP (J1850) Invalid or Missing Data for Vehicle Speed
U1041	SCP (J1850) Invalid or Missing Data for Vehicle Speed
U1042	SCP (J1850) Invalid or Missing Data for Traction Control
U1043	SCP (J1850) Invalid or Missing Data for Traction Control
U1044	SCP (J1850) Invalid or Missing Data for Traction Motor
U1045	SCP (J1850) Invalid or Missing Data for Traction Motor
U1046	SCP (J1850) Invalid or Missing Data for Primary Id
U1047	SCP (J1850) Invalid or Missing Data for Primary Id
U1048	SCP (J1850) Invalid or Missing Data for Primary Id
U1049	SCP (J1850) Invalid or Missing Data for Primary Id
U1050	SCP (J1850) Invalid or Missing Data for Brakes
U1051	SCP (J1850) Invalid or Missing Data for Brakes

U1052	SCP (J1850) Invalid or Missing Data for Steering / Steering Wheel
U1053	SCP (J1850) Invalid or Missing Data for Steering / Steering Wheel
U1054	SCP (J1850) Invalid or Missing Data for Primary Id
U1055	SCP (J1850) Invalid or Missing Data for Primary Id
U1056	SCP (J1850) Invalid or Missing Data for Vehicle Configuration
U1057	SCP (J1850) Invalid or Missing Data for Vehicle Configuration
U1058	SCP (J1850) Invalid or Missing Data for Transmission / Transaxle / PRNDL
U1059	SCP (J1850) Invalid or Missing Data for Transmission / Transaxle / PRNDL
U1060	SCP (J1850) Invalid or Missing Data for Primary Id
U1061	SCP (J1850) Invalid or Missing Data for Primary Id
U1062	SCP (J1850) Invalid or Missing Data for Primary Id
U1063	SCP (J1850) Invalid or Missing Data for Primary Id
U1064	SCP (J1850) Invalid or Missing Data for Primary Id
U1065	SCP (J1850) Invalid or Missing Data for Primary Id
U1066	SCP (J1850) Invalid or Missing Data for Primary Id
U1067	SCP (J1850) Invalid or Missing Data for Primary Id
U1068	SCP (J1850) Invalid or Missing Data for Primary Id
U1069	SCP (J1850) Invalid or Missing Data for Primary Id
U1070	SCP (J1850) Invalid or Missing Data for Engine Sensors
U1071	SCP (J1850) Invalid or Missing Data for Engine Sensors
U1072	SCP (J1850) Invalid or Missing Data for Engine Coolant
U1073	Bus-Off (Mitsubishi) SCP (J1850) Invalid or Missing Data for Engine Coolant (GM)

	SCP (J1850) Invalid or Missing Data for Engine Coolant (Ford)
U1074	SCP (J1850) Invalid or Missing Data for Engine Oil
U1075	SCP (J1850) Invalid or Missing Data for Engine Oil Temp
U1076	SCP (J1850) Invalid or Missing Data for Primary Id
U1077	SCP (J1850) Invalid or Missing Data for Primary Id
U1078	SCP (J1850) Invalid or Missing Data for Primary Id
U1079	SCP (J1850) Invalid or Missing Data for Primary Id
U1080	SCP (J1850) Invalid or Missing Data for Primary Id
U1081	SCP (J1850) Invalid or Missing Data for Primary Id
U1082	SCP (J1850) Invalid or Missing Data for Engine Systems Other
U1083	SCP (J1850) Invalid or Missing Data for Engine Systems Other
U1084	SCP (J1850) Invalid or Missing Data for Powertrain Status Request
U1085	SCP (J1850) Invalid or Missing Data for Powertrain Status Request
U1086	SCP (J1850) Invalid or Missing Data for Primary Id
U1087	SCP (J1850) Invalid or Missing Data for Primary Id
U1088	SCP (J1850) Invalid or Missing Data for Suspension
U1089	SCP (J1850) Invalid or Missing Data for Suspension
U1090	SCP (J1850) Invalid or Missing Data for Non-Legislated Diagnostics
U1091	SCP (J1850) Invalid or Missing Data for Non-Legislated Diagnostics
U1092	SCP (J1850) Invalid or Missing Data for Primary Id
U1093	SCP (J1850) Invalid or Missing Data for Primary Id
U1094	SCP (J1850) Invalid or Missing Data for Experimental #2

U1095	SCP (J1850) Invalid or Missing Data for Experimental #2
U1096	SCP (J1850) Invalid or Missing Data for Primary Id
U1097	SCP (J1850) Invalid or Missing Data for Primary Id
U1098	SCP (J1850) Invalid or Missing Data for Vehicle Speed Control
U1099	SCP (J1850) Invalid or Missing Data for Vehicle Speed Control
U1100	SCP (J1850) Invalid or Missing Data for Primary Id
U1101	SCP (J1850) Invalid or Missing Data for Primary Id
U1102	SCP (J1850) Invalid or Missing Data for Primary Id
U1103	SCP (J1850) Invalid or Missing Data for Primary Id
U1104	SCP (J1850) Invalid or Missing Data for Chassis Status Request
U1105	SCP (J1850) Invalid or Missing Data for Chassis Status Request
U1106	SCP (J1850) Invalid or Missing Data for Legislated Diagnostics
U1107	SCP (J1850) Invalid or Missing Data for Legislated Diagnostics
U1108	SCP (J1850) Invalid or Missing Data for Electric Traction Drive (Inverter)
U1109	SCP (J1850) Invalid or Missing Data for Electric Traction Drive (Inverter)
U1110	A/C-ECU Timeout
U1111	SCP (J1850) Invalid or Missing Data for Primary Id
U1112	SCP (J1850) Invalid or Missing Data for Primary Id
U1113	SCP (J1850) Invalid or Missing Data for Primary Id
U1114	SCP (J1850) Invalid or Missing Data for Charging System
U1115	SCP (J1850) Invalid or Missing Data for Charging System

U1116	SCP (J1850) Invalid or Missing Data for Electrical Energy Management
U1117	SCP (J1850) Invalid or Missing Data for Electrical Energy Management
U1118	SCP (J1850) Invalid or Missing Data for Primary Id
U1119	SCP (J1850) Invalid or Missing Data for Primary Id
U1120	SCP (J1850) Invalid or Missing Data for Primary Id
U1121	SCP (J1850) Invalid or Missing Data for Primary Id
U1122	SCP (J1850) Invalid or Missing Data for Odometer
U1123	SCP (J1850) Invalid or Missing Data for Odometer
U1124	SCP (J1850) Invalid or Missing Data for Primary Id
U1125	SCP (J1850) Invalid or Missing Data for Primary Id
U1126	SCP (J1850) Invalid or Missing Data for Primary Id
U1127	SCP (J1850) Invalid or Missing Data for Primary Id
U1128	SCP (J1850) Invalid or Missing Data for Primary Id
U1129	SCP (J1850) Invalid or Missing Data for Primary Id
U1130	SCP (J1850) Invalid or Missing Data for Fuel System
U1131	SCP (J1850) Invalid or Missing Data for Fuel System
U1132	SCP (J1850) Invalid or Missing Data for Vehicle Motion
U1133	SCP (J1850) Invalid or Missing Data for Vehicle Motion
U1134	SCP (J1850) Invalid or Missing Data for Ignition Switch / Starter
U1135	SCP (J1850) Invalid or Missing Data for Ignition Switch / Starter
U1136	SCP (J1850) Invalid or Missing Data for Telltales
U1137	SCP (J1850) Invalid or Missing Data for Telltales
U1138	SCP (J1850) Invalid or Missing Data for Primary Id
U1139	SCP (J1850) Invalid or Missing Data for Primary Id
U1140	SCP (J1850) Invalid or Missing Data for Gateway

U1141	SCP (J1850) Invalid or Missing Data for Gateway
U1142	SCP (J1850) Invalid or Missing Data for Primary Id
U1143	SCP (J1850) Invalid or Missing Data for Primary Id
U1144	SCP (J1850) Invalid or Missing Data for Primary Id
U1145	SCP (J1850) Invalid or Missing Data for Primary Id
U1146	SCP (J1850) Invalid or Missing Data for Vehicle Security
U1147	SCP (J1850) Invalid or Missing Data for Vehicle Security
U1148	SCP (J1850) Invalid or Missing Data for Audio Control
U1149	SCP (J1850) Invalid or Missing Data for Audio Control
U1150	SCP (J1850) Invalid or Missing Data for Audible Warnings
U1151	SCP (J1850) Invalid or Missing Data for Audible Warnings
U1152	SCP (J1850) Invalid or Missing Data for Experimental #3
U1153	SCP (J1850) Invalid or Missing Data for Experimental #3
U1154	SCP (J1850) Invalid or Missing Data for Compact Disc
U1155	SCP (J1850) Invalid or Missing Data for Compact Disc
U1156	SCP (J1850) Invalid or Missing Data for Digital Signal Processing
U1157	SCP (J1850) Invalid or Missing Data for Digital Signal Processing
U1158	SCP (J1850) Invalid or Missing Data for Antenna
U1159	SCP (J1850) Invalid or Missing Data for Antenna
U1160	SCP (J1850) Invalid or Missing Data for Primary Id
U1161	SCP (J1850) Invalid or Missing Data for Primary Id
U1162	SCP (J1850) Invalid or Missing Data for Digital Audio Tape
U1163	SCP (J1850) Invalid or Missing Data for Digital Audio Tape
U1164	SCP (J1850) Invalid or Missing Data for Tuner / Receiver
U1165	SCP (J1850) Invalid or Missing Data for Tuner / Receiver
U1166	SCP (J1850) Invalid or Missing Data for Cassette Tape

U1167	SCP (J1850) Invalid or Missing Data for Cassette Tape
U1168	SCP (J1850) Invalid or Missing Data for Primary Id
U1169	SCP (J1850) Invalid or Missing Data for Primary Id
U1170	SCP (J1850) Invalid or Missing Data for Cellular Phone / Paging System
U1171	SCP (J1850) Invalid or Missing Data for Cellular Phone / Paging System
U1172	SCP (J1850) Invalid or Missing Data for Remote Button Control
U1173	SCP (J1850) Invalid or Missing Data for Remote Button Control
U1174	SCP (J1850) Invalid or Missing Data for Primary Id
U1175	SCP (J1850) Invalid or Missing Data for Primary Id
U1176	SCP (J1850) Invalid or Missing Data for Primary Id
U1177	SCP (J1850) Invalid or Missing Data for Primary Id
U1178	SCP (J1850) Invalid or Missing Data for Climate Control (HVAC)
U1179	SCP (J1850) Invalid or Missing Data for Climate Control (HVAC)
U1180	SCP (J1850) Invalid or Missing Data for Personalization (Memory) Features
U1181	SCP (J1850) Invalid or Missing Data for Personalization (Memory) Features
U1182	SCP (J1850) Invalid or Missing Data for Primary Id
U1183	SCP (J1850) Invalid or Missing Data for Primary Id
U1184	SCP (J1850) Invalid or Missing Data for Window Wiper / Washer
U1185	SCP (J1850) Invalid or Missing Data for Window Wiper / Washer
U1186	SCP (J1850) Invalid or Missing Data for Primary Id

U1187	SCP (J1850) Invalid or Missing Data for Primary Id
U1188	SCP (J1850) Invalid or Missing Data for Primary Id
U1189	SCP (J1850) Invalid or Missing Data for Primary Id
U1190	SCP (J1850) Invalid or Missing Data for Primary Id
U1191	SCP (J1850) Invalid or Missing Data for Primary Id
U1192	SCP (J1850) Invalid or Missing Data for Primary Id
U1193	SCP (J1850) Invalid or Missing Data for Primary Id
U1194	SCP (J1850) Invalid or Missing Data for Mirrors
U1195	SCP (J1850) Invalid or Missing Data for Mirrors
U1196	SCP (J1850) Invalid or Missing Data for Door Locks
U1197	SCP (J1850) Invalid or Missing Data for Door Locks
U1198	SCP (J1850) Invalid or Missing Data for External Access (Doors)
U1199	SCP (J1850) Invalid or Missing Data for External Access (Doors)
U1200	SCP (J1850) Invalid or Missing Data for Seat Motion / Control
U1201	SCP (J1850) Invalid or Missing Data for Seat Motion / Control
U1202	SCP (J1850) Invalid or Missing Data for Windows
U1203	SCP (J1850) Invalid or Missing Data for Windows
U1204	SCP (J1850) Invalid or Missing Data for Steering Column
U1205	SCP (J1850) Invalid or Missing Data for Steering Column
U1206	SCP (J1850) Invalid or Missing Data for Primary Id
U1207	SCP (J1850) Invalid or Missing Data for Primary Id
U1208	SCP (J1850) Invalid or Missing Data for Seat Switches
U1209	SCP (J1850) Invalid or Missing Data for Seat Switches
U1210	SCP (J1850) Invalid or Missing Data for Restraints
U1211	SCP (J1850) Invalid or Missing Data for Restraints

U1212	SCP (J1850) Invalid or Missing Data for Primary Id
U1213	SCP (J1850) Invalid or Missing Data for Primary Id
U1214	SCP (J1850) Invalid or Missing Data for Primary Id
U1215	SCP (J1850) Invalid or Missing Data for Primary Id
U1216	SCP (J1850) Invalid or Missing Data for External Lamp Outage
U1217	SCP (J1850) Invalid or Missing Data for External Lamp Outage
U1218	SCP (J1850) Invalid or Missing Data for External Lamps
U1219	SCP (J1850) Invalid or Missing Data for External Lamps
U1220	SCP (J1850) Invalid or Missing Data for Interior Lamp Outage
U1221	SCP (J1850) Invalid or Missing Data for Interior Lamp Outage
U1222	SCP (J1850) Invalid or Missing Data for Interior Lamps
U1223	SCP (J1850) Invalid or Missing Data for Interior Lamps
U1224	SCP (J1850) Invalid or Missing Data for Primary Id
U1225	SCP (J1850) Invalid or Missing Data for Primary Id
U1226	SCP (J1850) Invalid or Missing Data for Body Status Request
U1227	SCP (J1850) Invalid or Missing Data for Body Status Request
U1228	SCP (J1850) Invalid or Missing Data for Tires
U1229	SCP (J1850) Invalid or Missing Data for Tires
U1230	SCP (J1850) Invalid or Missing Data for Electric Defrost
U1231	SCP (J1850) Invalid or Missing Data for Electric Defrost
U1232	SCP (J1850) Invalid or Missing Data for Navigation
U1233	SCP (J1850) Invalid or Missing Data for Navigation
U1234	SCP (J1850) Invalid or Missing Data for Displays

U1235	SCP (J1850) Invalid or Missing Data for Displays
U1236	SCP (J1850) Invalid or Missing Data for Memory Storage
U1237	SCP (J1850) Invalid or Missing Data for Memory Storage
U1238	SCP (J1850) Invalid or Missing Data for Experimental #4
U1239	SCP (J1850) Invalid or Missing Data for Experimental #4
U1240	SCP (J1850) Invalid or Missing Data for Primary Id
U1241	SCP (J1850) Invalid or Missing Data for Primary Id
U1242	SCP (J1850) Invalid or Missing Data for Exterior Environment
U1243	SCP (J1850) Invalid or Missing Data for Exterior Environment
U1244	SCP (J1850) Invalid or Missing Data for Interior Environment
U1245	SCP (J1850) Invalid or Missing Data for Interior Environment
U1246	SCP (J1850) Invalid or Missing Data for Primary Id
U1247	SCP (J1850) Invalid or Missing Data for Primary Id
U1248	SCP (J1850) Invalid or Missing Data for Time / Date
U1249	SCP (J1850) Invalid or Missing Data for Time / Date
U1250	SCP (J1850) Invalid or Missing Data for Vehicle Id (VIN)
U1251	SCP (J1850) Invalid or Missing Data for Vehicle Id (VIN)
U1252	SCP (J1850) Invalid or Missing Data for Class A Functions
U1253	SCP (J1850) Invalid or Missing Data for Class A Functions
U1254	SCP (J1850) Invalid or Missing Data for Network Control
U1255	SCP (J1850) Invalid or Missing Data for Network Control
U1260	SCP (J1850) Single Ended (+) Circuit Failure
U1261	SCP (J1850) Single Ended (-) Circuit Failure
U1262	SCP (J1850) Communication Bus Fault

U1308	SCP (J1850) Invalid or Missing Data for Function Read Engine Torque
U1341	SCP (J1850) Invalid or Missing Data for Function Read Vehicle Speed
U140A	Implausible Right Front Wheel Speed Signal Received (Jeep)
U1412	Implausible Vehicle Speed Signal Received
U1417	Implausible Left Wheel Distance Signal (Dodge, Chrysler, Jeep)
U1418	Implausible Left Wheel Distance Signal Received (Chrysler, Dodge, Jeep)
U1430	SCP (J1850) Invalid or Missing Data for Function Read Fuel System
U1451	SCP (J1850) Invalid or Missing Data for Function Read Audible Warnings / Anti-Theft Module
U1600	Electronic key-immobiliser system fault (Fiat, Alpha Romeo, Audi, Nissan)
U1612	SCP (J1850) Lack of Acknowledgment for Primary Id
U1736	SCP (J1850) Lack of Acknowledgment for Telltales
U1750	SCP (J1850) Lack of Acknowledgment for Audible Warnings
U1794	SCP (J1850) Lack of Acknowledgment for Mirrors
U1797	SCP (J1850) Lack of Acknowledgment for Door Locks
U1798	SCP (J1850) Lack of Acknowledgment for External Access (Doors)
U1806	SCP (J1850) Lack of Acknowledgment for Primary Id
U1900	CAN Communication Bus Fault
U1950	UPB Communication Bus Fault

Code	Definition
U2000	Audio Rear Control Unit is Not Responding
U2001	Audio Tape Deck Unit is Not Responding
U2002	Audio Bezel is Not Responding
U2003	Audio Compact Disk / Disk Jockey Unit is Not Responding
U2004	Audio Steering Wheel Control Unit is Not Responding
U2005	Audio Rear Integrated Control Panel Unit is Not Responding
U2006	Audio Remote Climate Control Unit is Not Responding
U2007	Audio Navigation Unit is Not Responding
U2008	Audio Phone is Not Responding
U2009	Audio Front Control Module (ACM) is Not Responding
U2010	Module is Not Responding (Non SCP)
U2011	Module Transmitted Invalid Data (Non SCP)
U2012	Communication Bus Error (Non SCP)
U2013	Compass Module is not Responding
U2014	Audio Subwoofer Unit is Not Responding
U2015	Signal Link Fault (Non SCP)
U2016	Signal Link Short to Ground (Non SCP) / From NGV Module
U2017	Driver Side Crash Sensor Communication Fault (Non SCP)
U2018	Passenger Side Crash Sensor Communication Fault (Non SCP)
U2019	Audio Voice Module Not Responding
U2020	Audio Center Amp is not responding
U2021	Invalid /fault data received (Non SCP)
U20BB	Communication Loss with TCM
U2150	SCP (J1850) Invalid Data from REM
U2152	SCP (J1850) Invalid Data from GEM

U2160	SCP (J1850) Invalid Data from IC
U2195	SCP (J1850) Invalid Data from SCLM
U2500	(CAN) Lack of Acknowledgement From Engine Management
U2510	Received Data Does Not Match (Ford)

Code	Definition
U3000	Control Module
U3001	Control Module Improper Shutdown
U3002	Vehicle Identification Number
U3003	Battery Voltage
U3004	Accessory Power Relay
U3005	Retained Accessory Power
U3006	Control Module Input Power "A"
U3007	Control Module Input Power "B"
U3008	Control Module Ground "A"
U3009	Control Module Ground "B"
U300A	Ignition Switch
U300B	Ignition Input Accessory/On/Start
U300C	Ignition Input Off/On/Start
U300D	Ignition Input On/Start
U300E	Ignition Input On
U300F	Ignition Input Accessory
U3010	Ignition Input Start
U3011	Ignition Input Off
U3012	ISO/SAE Reserved
U3100	ISO/SAE Reserved
U3F00	ISO/SAE Reserved

# Questions? Contact us.



[www.obdadvisor.com](http://www.obdadvisor.com)  
obdadvisor.scanner@gmail.com